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# CITY OF SOMERVILLE

## ANNUAL REPORTS



1874.

PRINTED BY

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BOSTON:

ALFRED MUDGE & SON, PRINTERS, 34 SCHOOL STREET.

1875.



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Reg. 352 S69 1874.

INAUGURAL ADDRESS

OF

HON. WM. H. FURBER,

DELIVERED JANUARY 5TH, 1874.

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*Gentlemen of the City Council:—*

Deeply sensible of the honor conferred on me by my fellow-citizens, not without anxiety, and many misgivings, I assume the responsibilities of the position assigned me, earnestly believing that it is the duty of every man when called upon, with any degree of unanimity by his fellow-citizens, to take part in public affairs, to do so, if he can consistently, regardless of his own personal comfort. Advocating, therefore, this principle and duty, I obey the call made upon me, and relying upon your hearty co-operation and the considerate judgment of my constituents, shall labor faithfully and impartially to protect and promote the interests of our entire city.

Thus, having crossed the threshold of the third year of our city government, we have reason to congratulate ourselves and the people whom we represent upon the excellent condition in which our public affairs have been left by those who have preceded us, and whose positions, by the voice of the people, we have been called upon to fill.

MAR 17 1922

Our finances are in a sound and healthy state. All of our branches of education are in a flourishing condition. Our highways and sewers have been greatly improved. Our pure water supply has been considerably extended. The sanitary condition of our city has received constant care and attention. Our Police and Fire Departments have been made more effective and efficient. Our departments for the relief of the poor and needy have been judiciously managed, and our Military, both retired and active, have received a due share of attention from those in authority.

That we may better acquaint ourselves with the work devolving upon us, and be prepared to perform it in a manner that shall gratify our constituents and reflect credit upon our labors, let us examine in detail the present condition of the various departments.

#### FINANCES.

By a careful examination of our financial condition it will be seen that the whole amount of the funded debt of our city at this time is \$809,354.00, showing an increase during the past year of \$166,000.00, of which \$40,000 was for the extension of the water works, \$35,000 on account of sewers, \$5,000 on account of Beach Street school-house, \$40,000 on account of school-house in Prospect Hill district, \$40,000 on account of sidewalks, and \$6,000 on account of new hose house on the corner of Highland Avenue and Grove street. The amount of the floating debt and the amount of taxes and assess-



ments due the city are about equal. There will mature the present year of the public debt \$72,000, and I earnestly hope that you will at the proper time arrange for the payment of a part at least, and not favor the renewal or extension of the entire amount.

In this connection permit me to call your attention to the tendency prevailing in many cities of making the DISTANT future bear ALL the burdens of the PRESENT, and to suggest that duty demands that we profit by the lesson it presents to us. While I desire to favor all judicious improvements, and would not recommend that the cost of those improvements, which are to benefit coming generations, should WHOLLY be borne by the people of the *present* time, I do most earnestly urge you to protest against thrusting upon posterity the responsibilities that legitimately belong to ourselves. Let us rather boldly meet the issue, and promptly discharge *our portion* of the obligations, that the good credit of our city may remain unimpaired, and the future *not* be encumbered with liabilities that the present should unhesitatingly assume.

To explain more clearly my views, I would recommend that all loans for school purposes be made for a term of ten years, that all loans for highway purposes be made for a term of twenty years, and that all loans for sewer purposes be made for thirty years, the interest in all cases to be paid semi-annually, and a proportionate part of the principal to be paid annually. Such a method would make the expenditure less onerous, and bear more equitably on those

benefited, and I consider it equally desirable, whether our affairs are merged in those of our sister city, or we continue to manage them as an independent corporation.

The Committee on Public Property, assisted by the Assessors, have carefully examined and re-valued the property belonging to the city, and find that independent of the water works, it amounts to \$812,750. Cost of Water Works to date, \$275,000. Total value at this time, \$1,087,750.

I desire to state that these amounts are not in the least inflated, but represent the minimum value of property, and without desiring to censure our Board of Assessors — whose duties are always arduous and trying — to suggest that they guard against the tendency of carrying up the valuation of our taxable property to the maximum point as a policy that is fallacious, and sure to lead to unsatisfactory, if not disastrous, results.

The entire amount of taxable property in the city, by the Assessors' valuation of 1873, is \$29,643,100, thus showing the entire debt of our city to be less than two and three-fourths per cent. of the taxable property, and \$278,396 less than the value of the property owned by the city — an exhibit which cannot fail to be satisfactory to every citizen.

#### SCHOOLS.

Our Public Schools have received the same fostering care and attention that has been bestowed upon them during former years, and it is gratifying to

know that they still retain their high standard in the Commonwealth.

When we consider that from such institutions the very wealth and strength of the nation is to emanate, it behooves us to watch over them with the utmost care and vigilance, and see to it that nothing is lacking on our part to bring them up to the very acme of perfection; for whatever of good or evil proceeds from them reaches every member of the body politic.

The amount appropriated the past year for school purposes was \$70,000. The number of schools in operation is 67, showing an increase of 8 the past year. Number of teachers employed, 74. Attending these schools there are,

In the High School	.	.	.	186 pupils.
“ “ Grammar Schools	.	.	.	1716 “
“ “ Primary “	.	.	.	1479 “
				<hr/>
Making an aggregate of	.	.	.	3381 “

The accommodations in the various districts are ample, with the exception of those in the Prospect Hill and East Somerville districts. To meet the wants of the former, a ten-room brick building is in process of erection on Vinal Avenue, and a similar structure is urgently needed in the last named section. I trust that the completion of the one, and the erection of the other, will receive your earliest attention.

#### PUBLIC LIBRARY.

The interest manifested in our Public Library has greatly exceeded the expectations of its warmest



friends, and the Board of Trustees have much to stimulate and encourage them in their labors to make useful and attractive this auxiliary to our ordinary branches of education.

The library was thrown open to the public on Thursday, the first day of May last, with 2386 volumes upon its shelves, to which there has since been added 1247 volumes, making the whole number belonging to the institution at this time 3633, of which 716 volumes were donated, and the remainder, 2917 volumes, were paid for out of the library fund.

The number of books given out during the eight months was 18,036, making a weekly average of about 515. The largest number in any day was 271; largest number in any week, 767; largest number in any month, 3,008, in the month of December; and the number of persons who have registered their names for books up to the close of the past year is 1940. I have aimed to show by this brief statement, the great good which must necessarily be imparted to that portion of our community, who seek to obtain information through this medium, which is to many the only source of education. And I feel that I need not urge you to do all that you can legitimately, to forward this enterprise and to aid in placing it on a firm and substantial basis. Should you deem it advisable to provide accommodations for the police court, nearer the police station, as has been heretofore suggested, I would recommend that the room now occupied by that department be fitted up as a reading-room, and assigned to the library to be used in connection with it.

## HIGHWAYS AND STREETS.

It needs but a cursory view of our highways and streets to discover the immense labor that has been performed on them since the organization of our first city government, and to observe that much still remains to be done. To the latter I would call your prompt attention, not that I would recommend hasty action, or urge you to make too large an expenditure in a single year, either in *this* or in any department, but on the contrary, would suggest that a moderate amount of improvements be carried on annually, and in a permanent and substantial manner. The peculiar nature of our soil, together with the fact that our main avenues are great thoroughfares, leading into the very heart of the county, over which are constantly passing heavily laden teams, to and from the adjoining cities on our southern and eastern boundaries, makes it necessary that large amounts be expended annually, for repairs, until the road-beds of such thoroughfares are made more permanent by paving. There has been expended during the past year in this department, independent of street widenings, \$130,603.88, which includes \$52,677.37 for sidewalks, one half of the last named sum being assessed upon the abutters. No expense, in my opinion, has been more cheerfully borne by our citizens, than that created by this improvement, and I trust the good work in this direction will be vigorously prosecuted the coming season. Brick sidewalks have been laid, edgestones set and gutters

paved, during the year just closed—in thirty-five streets of our city. Among the great improvements made in our highways during the same interval, may be mentioned the widening of Highland Avenue to a uniform width of sixty feet, and increasing the width of Milk Street its entire length, from East Cambridge line to North Cambridge.

Although the cost of these changes was necessarily great, it seems insignificant when compared with the benefits to be derived, and must be looked upon with great satisfaction by every unprejudiced citizen. I desire, in this connection, to call your attention to the straightening of the northerly line of Broadway, between Mount Benedict and a point near Temple Street, as suggested by my predecessor. I trust you will favor and secure the change, provided it can be accomplished without too great cost, and will ensure the general improvement of the entire territory lying adjacent thereto, so as to attract to our city many who are seeking homes out of the densely populated districts of the great Metropolis, and who would make a valuable acquisition to our community. I would also ask your earnest attention to the approaches to the various public schools, and especially those to our High School and Public Library, and recommend that brick sidewalks be laid in those streets, where such buildings are located, when the work can be done consistently. I also entertain the hope that it will be found convenient early the coming spring, in connection with the filling that must be required in other localities, to grade the public



land known as Central Hill, bounded by School, Medford, and Walnut Streets and Highland Avenue, and lay out the same in a manner that will evince a wise economy, as well as exhibit some degree of horticultural taste. This work has been delayed that the surplus material which was sure to be required for use by the city, some in the immediate vicinity, might not be otherwise disposed of, but I trust that the work can now be performed without detriment to the interests of the city, and that the present year will show a decided improvement in the grounds alluded to. It is also due our citizens that a proper ordinance be prepared, compelling the removal of snow and ice from our sidewalks, that they may fully meet the wants of the public as intended.

#### SEWERS.

A good system of sewerage is indispensable to the sanitary condition of every city, and much time and thought have been spent by those who have preceded us in authority, in devising the best plan for the purpose, and great progress has been made in improving and increasing the sewerage of our city the past year. During the past twelve months, sewers have been constructed in sixteen streets and parts of streets, the aggregate length of which is 13,326 feet, or about two and one third miles, costing about \$40,000, of which the abutters pay about seventy-five per cent, making the net cost to the city about \$10,000 for this improvement. This work has been performed with great care by competent and experienced work-

men, and will be a lasting benefit to those sections in which the sewers are located, or which may be reached by lateral branches. There has also been commenced the past year a sewer of large dimensions, for the purpose of draining the Miller's River District, and to enable the filling up (as authorized by the Legislature) of the basin which of late years has become so notorious. That portion of this sewer devolving upon our city to construct, is being done by contract, and, it is expected, will be completed before the lapse of many months. You will doubtless be called upon to furnish sewerage in sections of our city that are without this benefit, and I need not suggest that in all such cases the utmost care should be exercised in causing the work to be done in the most judicious and reliable manner.

#### WATER WORKS.

There has been laid, during the past year, 16,585 feet, or about three and one seventh miles of pipe, and eighteen hydrants have also been placed in position, the entire cost of which is about \$28,000. The aggregate length of pipe now laid in the city is about thirty-eight miles, with two hundred and two fire hydrants. The total amount expended by this department up to this time, is \$275,000, and we still have authority to issue water bonds as the wants of the city require it, to the extent of \$120,000 additional.

As no one can deny the great benefits to be derived from an unfailing supply of pure water, and the protection it affords our whole community when required



to battle with its opposing element, I trust no effort will be spared on your part to place it within the reach of every family within our borders as speedily as may be consistent with a wise economy.

#### FIRE DEPARTMENT.

The fire department consists of seventy-four members, including the chief engineer and four assistant engineers, showing an increase during the past year of ten members, caused by the organization of an additional hose company, which seemed absolutely necessary as a precautionary measure for the western portion of the city, in which section a brick hose house was erected the past year, of sufficient capacity to accommodate a steam fire engine when needed, at a cost, including that of the land, of \$16,000.

The apparatus of the department consists at the present time of one steam fire engine, five horse hose carriages and one hook and ladder carriage, with their necessary appendages. The chief engineer reports that all but the last named are in complete order and suited to the wants of the department. The hook and ladder carriage he reports as *not* being adapted to our requirements, the ladders being too short to be of much use in case of a fire in any of our high buildings, and should any such calamity befall us, as the burning of one of our large school-houses during the sessions of the schools, they would be wholly ineffective in rescuing children from the upper rooms. He therefore recommends the purchase of one more

modern and reliable. The same officer reports that considerable of the hose in the department is in very bad order, and he recommends the purchase of twenty-four hundred feet of new hose early the coming spring.

The number of fires in the city during the year was twenty-one, causing the destruction of property to the amount of \$11,290, on which there was \$10,840 of insurance, thus showing a net loss of only \$450. Such a record should cause every one of our citizens to feel grateful, showing, as it does, almost entire exemption from disaster by the devouring element, and evincing the thorough efficiency of the department.

It does not seem consistent with prudence and economy to ignore the suggestions and recommendations of the chief officer in this department. I therefore commend them to your early notice, and advise prompt action relative to them.

With regard to a fire alarm telegraph as an adjunct to the fire department of our city, it seems worthy of our consideration, our fire companies being located remote from each other, owing to the sections built upon being widely separated. By such a method the point of danger would be clearly defined, and any unnecessary delay be avoided. I feel that such an important auxiliary would meet with the favor of our citizens, provided it could be secured without too great an expenditure, and I trust the matter will receive due attention during our term of service.

## POLICE.

The Police Department consists of nineteen members, including a Chief and Captain. Five of the members serve as patrolmen during the day, and twelve during the night, and the good order and quiet of our city during the past is evidence of the fact that the force is well organized and its members faithful in the performance of their duty. The labors in the Department have and will continue to increase with the growth of our city, and we must not overlook the necessity of maintaining the efficiency of this branch of the civil service, but by our watchful care and the appointment of officers and men of unblemished character, meet the wishes of our citizens who depend upon them for protection against the devices of lawless persons. The net cost of sustaining this department the past year, exclusive of the amount paid for improving the building occupied as a Police Station, was \$19,641.36.

Larger accommodations will very soon be required to meet the wants of this department, and this should receive our early attention, and not be deferred until the demand for a change becomes urgent.

## POLICE COURT.

The Police Court of our city has not sufficient accommodations, and its daily business indicates that its present location was not well chosen, being too remote from the Police Station, and too distant from the routes of steam or horse cars, thus rendering it

inconvenient for officers of the Court, witnesses and other persons interested in cases brought before it. It seems almost imperative, that arrangements should be made without much longer delay for better accommodations for this and the department so nearly allied to it. A plan for a building to be erected on the site of the Police Station to meet the wants of the Police Court, Police Department, and to furnish convenient apartments for other branches of the Government, was prepared under the direction of a special committee appointed by the first City Council, which plan was referred to by my predecessor one year ago, and which is now in the possession of the city.

To this I desire to ask your attention, and hope that it will receive your careful consideration for the reasons above mentioned.

#### THE POOR.

The Overseers of the Poor have given special attention to those who have no means of support, and their duties the past year have been exceedingly arduous, owing to the epidemic prevailing in the early part of the year, which compelled the isolation of entire families, thus adding largely to the cares of the Board and to the expenses of the department.

Relief was rendered to 765 persons during the year at a cost, including the entire expense of the Board, of \$10,239.93, making an average of about \$13.38 for each person. There has been paid to the city by various cities, towns, and individuals, liable



on account of the above, \$417.93; and there is still due from similar sources about \$500.00, making the net cost for the relief of the poor during the year 1873, independent of that granted to soldiers and their families, about \$9,322.00.

I am informed that many applicants for relief are able-bodied men, willing to work, but are unable to find employment, and I would suggest that these be employed upon our public improvements, when consistent with the interests of the city, and not be tempted to lead an idle life at the expense of the public charities.

#### STATE AID AND SOLDIERS' RELIEF.

Every just claim for aid or relief for soldiers who served in the late war, or for their families, has been promptly and cheerfully granted by the Government, and very few attempts have been made to obtain assistance from the city by the misrepresentations of the applicant. But on the contrary, I know of worthy men who served our country faithfully in her time of peril, who, owing to a very sensitive nature, have deferred making any request for assistance, until absolutely compelled to do so by the cravings of hunger and want.

There has been paid out the past year on account of State Aid the sum of \$3,779.00, which amount will be reimbursed by the State. In addition to this sum, there has been expended during the same interval, \$1,056.07 for relief of the deserving of this class, whose claims upon us should always be

promptly and cheerfully responded to. I need not suggest that these needy, self-sacrificing heroes will still require our watchful care and assistance, and however pressing our other duties may become, *their* wants should *never* be neglected.

#### PUBLIC HEALTH.

Notwithstanding the prevalence of the small-pox in the early part of last year, its ravages were promptly checked by the decided action of the government in relation to it, and the suffering on its account in our midst was comparatively light. With the exception of a few months, our city has experienced a singular immunity from that much dreaded contagion, and at this time not a single case is known within our limits. We can only hope to maintain and preserve this desirable condition by the same care, foresight, and strict adherence to the sanitary measures *now* existing. I would suggest and respectfully urge your attention to those places in our city where ponds or pools of stagnant water are allowed to remain from month to month throughout the entire year, as in the vicinity of Franklin, Cedar, and Maple Streets, and other sections, making them a tempting receptacle for all the filth and garbage of their respective neighborhoods, thereby jeopardizing the health of the locality and our whole city, by engendering sickness and disease of the most loathsome character. Initiatory steps were taken by the past administration to remedy the evil in the first named locality, but *all* such nuisances should be

abated if possible, before the heat of another summer is upon us. And I trust you will follow up the work begun by our predecessors in the most energetic manner.

#### MILLER'S RIVER.

The filling up of the basins of Miller's River, as authorized by the Legislature, has been commenced by the parties in interest, and the work will doubtless be vigorously prosecuted until completed. This being done, certainly *one* cause of the *greatest* nuisance ever inflicted upon a civilized community will be removed.

Should the work alluded to fail of remedying the impending evil, the most strenuous measures should at once be adopted by the Government to discover the direct or indirect cause, and without fear or favor labor diligently for its speedy removal, that the section in which it has already too long existed may be freed of the foul stain created by it, and the air we breathe be purified of its vile and sickening odors.

#### LOW LANDS.

The past administration have taken the preliminary steps for filling up the low lands in the various sections of our city, and measures freighted with such incalculable public and private benefits should not be unnecessarily delayed, but should be pressed forward with the utmost energy. As a sanitary protection this is urgently demanded, and the cost of the improvement to the owners of such property can

never be made more satisfactory than at the present time, as the material is near at hand, and improvements are being made that necessitates its removal. I trust, therefore, that all parties interested in a work promising such grand results, will lend their hearty co-operation, and that great progress will be made in this direction during the present year.

*Gentlemen of the City Council: —*

With an earnest desire to advance the interests of those whom we represent, I have endeavored to make you somewhat familiar with the present condition of the various departments of our city, and to offer such suggestions and recommendations, respecting the duties devolving upon us, as seemed to me proper and expedient, all of which I trust will receive your careful deliberation, before you accept or reject them, that no unreasonable expenditure of money may be made, and no warrantable improvement be delayed. We cannot be too watchful of the trusts transmitted to us. And the great confidence reposed in us by our fellow-citizens, manifested by placing the management of the public affairs in our hands, should inspire us with a zeal that will secure to them the results of earnest and judicious effort, and not embarrass them with unwarrantable burdens.



TREASURER'S  
THIRD ANNUAL REPORT  
OF THE  
FINANCIAL CONDITION  
OF THE  
CITY OF SOMERVILLE;  
AND THE  
RECEIPTS AND DISBURSEMENTS  
FOR THE FINANCIAL YEAR 1874.

# CITY OF SOMERVILLE.

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IN BOARD OF MAYOR AND ALDERMEN, Feb. 22, 1875.

The Report of the City Treasurer and Collector of Taxes for the year 1874 was received, accepted, and referred to the Committee on Finance, and sent down for concurrence.

CHARLES E. GILMAN, *Clerk.*

IN COMMON COUNCIL, Feb. 24, 1875.

Concurred in.

SOLOMON DAVIS, *Clerk.*

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IN COMMITTEE ON FINANCE, March 16, 1875.

*To the City Council of the City of Somerville :*

The Committee on Finance to whom was referred the Treasurer's Report for the financial year ending Dec. 31, 1874, have examined the same, comparing it with the Auditor's accounts; and they take pleasure in herewith reporting that they find the same correct, and that his books are kept in the most systematic and accurate manner, and recommend that his report be accepted.

Respectfully submitted,

CLARK BENNETT, *for the Committee.*

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IN BOARD OF MAYOR AND ALDERMEN, March 22, 1875.

Report accepted and adopted. Sent down for concurrence.

CHARLES E. GILMAN, *Clerk.*

IN COMMON COUNCIL, March 22, 1875.

Concurred in.

SOLOMON DAVIS, *Clerk.*

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IN BOARD OF MAYOR AND ALDERMEN, March 22, 1875.

ORDERED:—

That the Committee on Printing be, and they are hereby authorized to cause to be printed a suitable number of the Treasurer's Report for the financial year ending December 31, 1874.

Sent down for concurrence.

CHARLES E. GILMAN, *Clerk.*

IN COMMON COUNCIL, March 22, 1875.

Concurred in.

SOLOMON DAVIS, *Clerk.*

CITY OF SOMERVILLE,

TREASURER'S OFFICE, Feb. 22, 1875.

*To the Honorable, the Mayor, and the*

*City Council of the City of Somerville:*

GENTLEMEN, — The Third Annual Report of the Financial Condition of the City, and a statement of the Receipts and Disbursements during the year 1874, is herewith presented: —

FINANCIAL CONDITION OF THE CITY.

*Public Property.*

The value of the property of the city, Dec. 31, 1873, as by the annual report for the year preceding, was \$1,056,283.06. The additions during the past year have been \$34,294.06 for extension of the Water Works; \$29,178.59 in completion of the School House in Prospect Hill District (Luther V. Bell School House); \$20,876.49 expended upon the new Police Station; \$107,616.85 expended upon the Public Park; \$13,000.00, cost of Fire Alarm Telegraph; \$35,000.00, cost of Gravel Land in Waltham; \$13,500.00, cost of Gravel Land in Wakefield; \$5,783.06, value of Public Library; \$3,400.00, cost of R. A. Vinal Hook and Ladder Truck and Apparatus; \$1,400.00, cost of George

O. Brastow Hose Carriage and Horse; \$5,050.00, additional land for Jackson School House, and \$566.37 for additional School Furniture; less valuation of old Hand Engine, sold, \$200.00: making the value of the Public Property, Dec. 31, 1874, \$1,325,748.48, as in "Table A," hereto appended. The balances of the appropriations to the credit, respectively, of Police Station (\$29,123.51) and Public Park (\$92,383.15), and the sum appropriated for purchase of land for School House on Tufts Street (\$15,000.00), amounting in the aggregate to \$136,506.66, will, when expended, place the value of the public property at \$1,462,255.14, without further increase of the Funded Debt; the disposal of the bonds authorized and issued for the full sums appropriated for the above-named purposes having been already effected.

### *Funded Debt.*

The Funded Debt of the city, Dec. 31, 1873, was \$849,354.00. The increase to Dec. 31, 1874, was \$170,000.00, for construction and awards for damages of Milk Street Widening; \$27,000.00 to reimburse the Treasury for payments in the construction of Highland Avenue Widening; and \$27,000.00 to meet an equal amount of that part of the Funded Debt which matured in 1874, amounting to \$224,000.00, and being for liabilities incurred prior to the year 1874; also \$10,000.00 for Fire Alarm Telegraph; \$35,000.00 for Gravel Land in Waltham; \$13,500.00



for Gravel Land in Wakefield; \$200,000.00 for Public Park; \$40,000.00 for Milk, Washington, and Beacon Streets Sewer; \$40,000.00 for Sidewalks; \$15,000.00 for the extension of the Water Works; \$50,000.00 for the new Police Station, and \$15,000.00 for land for School House on Tufts Street; amounting to \$418,500.00, and being for liabilities incurred during the year 1874. \$72,000.00 of the Funded Debt matured Oct. 1 and Dec. 1, 1874, and was paid at maturity: making the total of Funded Debt, Dec. 31, 1874, \$1,419,854.00, as in "Table B." This amount will be increased the present year, to provide for the city's part of the cost of sidewalks, ordered in 1874, and not yet constructed (\$10,000.00), in completion of an order passed in 1872, appropriating the sum of (\$100,000.00); and to provide for the cost of the Milk Street Sewer, the appropriation of 1874 (\$50,000.00), additional to the \$75,000.00 appropriated and borrowed in 1873.

### *Receipts and Disbursements.*

The amount in the Treasury at the commencement of the year was \$109,505.19; the receipts from all sources were \$1,745,910.83, and the disbursements, \$1,841,211.03, leaving a balance of \$14,204.99 in the Treasury at the close of the year.

Your attention is respectfully called to Excess and Deficiency Account in "Table C," by which it will be seen that the excess of current expenses over the

appropriations therefor was \$84,115.45. The most prominent items of this excess are, — \$25,799.29 over Highway appropriation; \$39,277.53 for the construction and partial construction of streets not contemplated at the date of the passage of the order, laying the specific tax of 1874; \$9,300.57 over School Contingent appropriation, and \$6,583.33 over Sewers appropriation. A part of the first two items will be assessed as betterments, and credited to the respective Highways accounts: what part depends upon the action of the Board of Mayor and Aldermen; and an appropriation will be necessary to cover the deficiency.

Other matters of general interest to all desiring the prosperity and continued good name of our city may be found in detail in the accompanying tables, and need not, therefore, be anticipated in this place.

Respectfully submitted,

AARON SARGENT, *Treasurer.*

## APPENDIX TO TREASURER'S REPORT.

Table A.

PUBLIC PROPERTY, DECEMBER 31, 1874.

Central Hill Land (12 acres, 27,920 feet) .	\$175,000 00	
City Hall . . .	\$13,000 00	
Furniture . . .	4,250 00	
	<hr/>	17,250 00
Public Library . . .	.	5,783 06
Steam Fire Engine House .	19,500 00	
Furniture . . .	500 00	
Steam Fire Engine and Ap- paratus . . .	6,000 00	
Steam Fire Engine Hose Carriage & Apparatus	2,000 00	
	<hr/>	28,000 00
High School House . . .	60,000 00	
Furniture . . .	4,000 00	
Philosophical Apparatus .	500 00	
	<hr/>	64,500 00
Prescott School House Land (21,444 feet) and Building	55,000 00	
Furniture . . .	3,000 00	
	<hr/>	58,000 00
Luther V. Bell School House Land (22,262 ft.) and B'ld'g	57,477 71	
Furniture . . .	3,122 29	
	<hr/>	60,600 00
Forster School House Land (32,693 feet) and Building	52,500 00	
Furniture . . .	1,500 00	
	<hr/>	54,000 00
<i>Amount carried forward</i> . . .		<hr/> \$463,133 06

<i>Amount brought forward</i>	.	.	\$463,133 06
Morse School House Land (29,109			
feet) and Building	\$30,000	00	
Furniture . . . .	1,250	00	
			<u>31,250 00</u>
Lincoln School House Land (18,000			
feet) and Building	14,000	00	
Furniture . . . .	1,000	00	
			<u>15,000 00</u>
Prospect Hill School House Land			
(25,313 ft.) and B'ld'g	30,000	00	
Furniture . . . .	600	00	
			<u>30,600 00</u>
Jackson School House Land (11,212			
feet) and Building	13,050	00	
Furniture . . . .	500	00	
			<u>13,550 00</u>
Bennett School House Land (20,560			
feet) and Building	15,000	00	
Furniture . . . .	500	00	
			<u>15,500 00</u>
Webster School House Land (11,050			
feet) and Building	12,000	00	
Furniture . . . .	500	00	
			<u>12,500 00</u>
Union School House Land (9,360			
feet) and Building	4,500	00	
Furniture . . . .	100	00	
			<u>4,600 00</u>
Harvard School House Land (9,810			
feet) and Building	3,500	00	
Furniture . . . .	200	00	
			<u>3,700 00</u>
Edgerly School House Land (26,428			
feet) and Building	35,000	00	
Furniture . . . .	500	00	
			<u>35,500 00</u>
<i>Amount carried forward</i>	.	.	<u>\$625,333 06</u>



<i>Amount brought forward</i>	.	.	\$625,333 06
Brastow School House Land (10,019			
feet) and Building	\$8,000	00	
Furniture . . . .	250	00	
			<u>8,250 00</u>
Franklin School House Land (33,017			
feet) and Building	18,000	00	
Furniture . . . .	500	00	
			<u>18,500 00</u>
Beach Street School House Land			
(6,000 ft.) and B'd'g	6,000	00	
Furniture . . . .	500	00	
			<u>6,500 00</u>
Spring Hill School House Land (4,-			
991 feet) and Building	2,500	00	
Furniture . . . .	200	00	
			<u>2,700 00</u>
City Farm Land (10 acres, 12,523 feet)	.	.	40,000 00
Cedar Street School House	1,500	00	
Furniture . . . .	100	00	
			<u>1,600 00</u>
City Stables & Dwelling Houses,	11,000	00	
Equipments for Highway Repairs,	4,500	00	
			<u>15,500 00</u>
No. 1 Hose House Land (4,312 feet)			
and Building . . .	5,600	00	
Furniture . . . .	400	00	
John E. Wool Hose Car-			
riage and Apparatus	2,000	00	
			<u>8,000 00</u>
No. 2 Hose House Land (5,400 feet)			
and Building . . .	11,000	00	
Furniture . . . .	300	00	
Winter Hill Hose Carriage			
and Apparatus . . .	2,000	00	
			<u>13,300 00</u>
<i>Amount carried forward</i>	.	.	<u>\$739,683 06</u>

<i>Amount brought forward</i>	.	.	\$739,683 06
No. 3 Hose House Land (5,226 feet)			
and Building	.	\$13,000 00	
Furniture	.	300 00	
Geo. H. Foster Hose Car-			
riage and Apparatus,		2,000 00	
R. A. Vinal Hook and Lad-			
der Truck and Ap-			
paratus	.	3,400 00	
Prescott Hook and Ladder			
Truck and Apparatus		500 00	
		<hr/>	19,200 00
No. 4 Hose House Land (9,100 feet)			
and Building	.	16,000 00	
Furniture	.	400 00	
Geo. O. Brastow Hose Car-			
riage and Apparatus		2,000 00	
Relief Hose Carriage	.	600 00	
		<hr/>	19,000 00
Fire Alarm Telegraph	.	.	13,000 00
Police Station Land (15,232 feet) and Building			
(Bow Street) unfinished	.	.	20,876 49
Police Station Land (7,918 feet) and Building			
(Prospect Street)	.	.	10,000 00
Public Park—unfinished	.	.	107,616 85
Joy Street Land (2,960 feet)	.	.	1,000 00
Walnut Hill Land (10,890 feet)	.	.	1,500 00
Ledge Land, on Bond St. (39,732 ft.)		\$5,000	
Holland St. (5 a. 6,806 ft.)		25,000	
Milk St. (39,456 ft.)		7,000	
		<hr/>	37,000 00
Gravel Land in Waltham (about 35 acres)	.		35,000 00
Gravel Land in Wakefield ( “ 1 <sub>3</sub> “ )	.		13,500 00
Gravel Land in Winchester ( “ “ )	.		700 00
Somerville Water Works	.	.	307,672 08
		<hr/>	
Total	.	.	\$1,325,748 48
		<hr/>	

## Table B.

FUNDED DEBT, DECEMBER 31, 1874.

Date.	Loan.	Rate per cent of Interest.	When Due.	Amount	PURPOSE.
Oct. 1, 1872	Sidewalk Bond No. 3	7	Oct. 1, 1875	\$10,000	Sidewalks.
" " "	" " No. 18	7	" " "	5,000	Beach st. Sch. H'se.
April 1, 1873	" " No. 19	7	April 1, 1876	6,000	Geo. O. Brastow Hose House.
" " "	Water " No. 14	7	" " "	20,000	Water Works.
" " "	" " No. 15	7	" " "	40,000	
" " 1874	City " No. 45	6½	" " "	10,000	Milk Street Widening.
" " "	" " No. 46	6½	" " "	5,000	
" " "	" " No. 47	6½	" " "	5,000	
" " "	" " No. 48	6½	" " "	5,000	Luther V. Bell School House.
July 1, 1873	" " No. 20	7	July 1, 1876	38,000	
" " "	" " No. 21	7	" " "	2,000	Sidewalks.
April 1, " "	Sidewalk " No. 4	7	Oct. 1, 1876	10,000	
Oct. 1, " "	City " No. 22	7	" " "	6,000	Milk St. Sewer.
" " "	" " No. 23	7	" " "	6,000	
" " "	" " No. 24	7	" " "	4,000	
" " "	" " No. 25	7	" " "	2,000	
" " "	" " No. 26	7	" " "	2,000	
" " "	" " No. 27	7	" " "	4,000	
" " "	" " No. 28	7	" " "	3,000	
" " "	" " No. 29	7	" " "	1,000	
" " "	" " No. 30	7	" " "	2,000	Milk Street Widening.
April 1, 1874	" " No. 31	7	April 1, 1877	2,000	
" " "	" " No. 37	7	" " "	3,000	
" " "	" " No. 38	7	" " "	5,000	
" " "	" " No. 39	7	" " "	5,000	
" " "	" " No. 40	7	" " "	5,000	
" " "	" " No. 41	7	" " "	5,000	
" " "	" " No. 42	7	" " "	5,000	
" " "	" " No. 43	7	" " "	5,000	Highland Avenue Widening.
" " "	" " No. 50	6½	" " "	5,000	
" " "	" " No. 56	6½	" " "	20,000	Milk Street Widening.
" " "	" " No. 58	6½	" " "	20,000	
" " "	" " No. 59	6½	" " "	10,000	
" " "	" " No. 62	6½	" " "	5,000	
" " "	" " No. 63	6½	" " "	5,000	
" " "	" " No. 64	6½	" " "	5,000	Morse Sch. House (to pay original bond given).
" " "	" " No. 65	6½	" " "	5,000	
July 1, " "	" " No. 68	6½	July 1, " "	5,000	Sidewalks.
" " "	" " No. 69	6½	" " "	5,000	
" " "	" " No. 70	6½	" " "	5,000	
" " "	" " No. 71	6½	" " "	5,000	Gravel Land in Wakefield.
April 1, 1873	Sidewalk " No. 5	7	Oct. 1, " "	10,000	
Oct. 1, 1874	City " No. 97	6½	" " "	5,000	Public Park.
" " "	" " No. 112	6½	" " "	5,000	
" " "	" " No. 113	6½	" " "	5,000	
" " "	" " No. 114	6½	" " "	5,000	
" " "	" " No. 115	6½	" " "	5,000	
" " "	" " No. 122	6½	" " "	10,000	Milk St. Sewer.
" " 1873	" " No. 31	7	Oct. 1, 1878	5,000	
" " "	" " No. 32	7	" " "	5,000	Sidewalks.
" " "	" " No. 33	7	" " "	25,000	
" " "	" " No. 34	7	" " "	5,000	
" " "	" " No. 35	7	" " "	5,000	Water Works.
" " "	Sidewalk " No. 6	6½	" " "	10,000	
Jan. 1, 1869	Water " No. 1	6½	Jan. 1, 1879	10,000	Milk St. Widening.
" " "	" " No. 2	6½	" " "	10,000	
" " "	" " No. 3	6½	" " "	10,000	
April 1, 1874	City " No. 44	7	April 1, " "	10,000	Highland Avenue Widening.
" " "	" " No. 51	6½	" " "	5,000	
" " "	" " No. 61	6½	" " "	10,000	Milk St. Widening.

Amount carried forward . . . . . \$471,000

Table B, Continued.

Date.	Loan.		Rate per cent of Interest.	When Due.	Amount.	PURPOSE.
Amount brought forward . . .			. . . .		\$471,000	
July 1, 1872	City	Bond No. 2	5½	July 1, 1879	5,454	Various (in lieu of note retired).
Oct. 1, 1859	Town	" No. 1	5½	Oct. 1, "	14,400	Various.
" " 1874	Sidewalk	" No. 7	6½	" " "	10,000	Sidewalks.
" " "	City	" No. 143	6½	" " "	3,000	Land for School-House on Tufts Street.
" " "	"	" No. 144	6½	" " "	2,000	
" " "	"	" No. 145	6½	" " "	5,000	
" " "	"	" No. 146	6½	" " "	5,000	
July 1, 1870	Town	" No. 3	6½	July 1, 1880	55,000	Various.
Oct. 1, "	"	" No. 4	6½	Oct. 1, 1880	21,000	
" " "	Water	" No. 6	6½	" " "	40,000	Water Works.
" " 1874	Sidewalk	" No. 8	6½	" " "	10,000	Sidewalks.
Dec. 31, 1870	Water	Bond No. 7	6½	Jan. 1, 1881	20,000	Water Works.
" " "	Town	" No. 5	6½	" " "	5,000	Various.
" " "	School	" No. 2	6½	" " "	3,000	Morse Sch. House.
April 1, 1871	"	" No. 3	6½	April 1, 1881	60,000	High Sch. House.
Oct. 1, "	Water	" No. 8	6½	Oct. 1, 1881	10,000	Water Works.
" " "	"	" No. 9	6½	" " "	10,000	
" " "	"	" No. 10	6½	" " "	10,000	
" " "	"	" No. 11	6½	" " "	10,000	
" " "	Town	" No. 6	6½	" " "	10,000	Various.
" " "	"	" No. 7	6	" " "	2,000	
" " "	"	" No. 8	6½	" " "	11,500	Prescott Sch. Ho.
" " "	School	" No. 4	6½	" " "	25,000	
" " 1874	Sidewalk	" No. 9	6½	" " "	10,000	Sidewalks.
April 1, 1872	City	" No. 1	6½	April 1, 1882	17,500	Various (to pay Sundry Town Notes).
July 1, "	"	" No. 3	6½	July 1, 1882	5,000	
" " "	"	" No. 4	6½	" " "	5,000	
" " "	"	" No. 5	6½	" " "	10,000	
" " "	"	" No. 6	6½	" " "	10,000	Water Works.
" " "	Water	" No. 12	6½	" " "	50,000	
" " "	"	" No. 13	6½	" " "	40,000	Various (to pay Sundry Town Notes).
" " "	City	" No. 8	6½	" " "	10,000	
" " "	"	" No. 9	6½	" " "	5,000	
" " "	"	" No. 10	6½	" " "	10,000	
Oct. 1, 1872	"	" No. 11	6½	Oct. 1, 1882	5,000	Géo. O. Brastow
" " "	"	" No. 12	6½	" " "	5,000	Hose House
April 1, 1884	"	" No. 49	6½	April 1, 1884	10,000	Fire Alarm Telegh.
" " "	"	" No. 52	6½	" " "	5,000	Highland Avenue Widening.
" " "	"	" No. 53	6½	" " "	5,000	
" " "	"	" No. 54	6½	" " "	5,000	
" " "	"	" No. 55	6½	" " "	2,000	
" " "	"	" No. 57	6½	" " "	10,000	Milk Street Wid-
" " "	"	" No. 60	6½	" " "	10,000	ening.
July 1, 1872	"	" No. 7	5½	July 1, "	20,000	War (in lieu of note retired).
" " 1874	"	" No. 66	6½	" " "	2,000	Morse Sch. House (to pay original bond given).
" " "	"	" No. 67	6½	" " "	5,000	
" " "	"	" No. 72	6½	" " "	5,000	Milk, Washington and Beacon St. Sewer.
" " "	"	" No. 73	6½	" " "	5,000	
" " "	"	" No. 74	6½	" " "	5,000	
" " "	"	" No. 75	6½	" " "	5,000	
" " "	"	" No. 76	6½	" " "	5,000	
" " "	"	" No. 77	6½	" " "	5,000	
" " "	"	" No. 78	6½	" " "	5,000	
" " "	"	" No. 79	6½	" " "	5,000	
" " "	Water	" No. 16	6½	" " "	5,000	Water Works.
" " "	"	" No. 17	6½	" " "	5,000	
" " "	"	" No. 18	6½	" " "	5,000	
Oct. 1, 1872	City	" No. 13	6	Oct. 1, 1884	6,000	
" " "	"	" No. 14	6	" " "	5,000	War (in lieu of notes retired).
" " "	"	" No. 15	6	" " "	5,000	
" " "	"	" No. 16	6	" " "	5,000	
" " "	"	" No. 17	6	" " "	5,000	

*Amount carried forward . . . . .* \$1,156,354



Table B Continued.

Date.	Loan.	Rate per cent of Interest.	When Due.	Amount.	PURPOSE.
<i>Amount brought forward . .</i>		<i>. . . . .</i>	<i>. . . . .</i>	\$1,156,354	
Oct. 1, 1874	City Bond No. 80	6 $\frac{1}{2}$ %	Oct. 1, 1884	5,000	Gravel Land in Waltham.
" "	" No. 81	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 82	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 83	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 84	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 85	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 86	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 87	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 88	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 89	6 $\frac{1}{2}$ %	" "	5,000	Police Station.
" "	" No. 90	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 91	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 92	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 93	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 94	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 95	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 96	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 98	6 $\frac{1}{2}$ %	" "	5,000	Gravel Land in Wakefield.
" "	" No. 99	6 $\frac{1}{2}$ %	" "	2,500	
" "	" No. 100	6 $\frac{1}{2}$ %	" "	1,000	
" "	" No. 101	6 $\frac{1}{2}$ %	" "	3,000	
" "	" No. 102	6 $\frac{1}{2}$ %	" "	3,000	
" "	" No. 103	6 $\frac{1}{2}$ %	" "	3,000	
" "	" No. 104	6 $\frac{1}{2}$ %	" "	1,000	
" "	" No. 105	6 $\frac{1}{2}$ %	" "	2,000	
" "	" No. 106	6 $\frac{1}{2}$ %	" "	5,000	Public Park.
" "	" No. 107	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 108	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 109	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 110	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 111	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 116	6 $\frac{1}{2}$ %	" "	3,000	
" "	" No. 117	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 118	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 119	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 120	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 121	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 123	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 124	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 125	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 126	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 127	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 128	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 129	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 130	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 131	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 132	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 133	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 134	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 135	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 136	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 137	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 138	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 139	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 140	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 141	6 $\frac{1}{2}$ %	" "	5,000	
" "	" No. 142	6 $\frac{1}{2}$ %	" "	5,000	
TOTAL . . . . .				\$1,419,854	

Table C.

APPROPRIATIONS, RECEIPTS, EXPENDITURES, ETC., WITH EXCESS AND DEFICIENCY ACCOUNT, LEDGER BALANCES, AND UNEXPENDED BALANCES OF SPECIAL APPROPRIATIONS, DEC. 31, 1874.

ACCOUNTS.	DEBITS.		CREDITS.		APPROPRIATIONS.		EXCESS AND DEFICIENCY.		LEDGER BALANCES, Dec. 31, 1874.		Unexpended balances of Special Appropriations.
	Disburs'm'ts as in Table E.	Credits to other Accounts.	Receipts as in Table D.	Debits to other Accounts.	Provided for by taxation in 1874.	Provided for by Loans.	Dr.	Cr.	Dr.	Cr.	
Appropriations . . . . .	• • • • •	\$1,154,657 30	• • • • •	\$948,716 65	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	\$205,940 65	• • • • •
Cash . . . . .	• • • • •	1,855,416 02	• • • • •	1,841,211 03	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	14,204 99	• • • • •
County of Middlesex . . . . .	\$12,289 95	• • • • •	• • • • •	12,289 95	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •
Estate belonging to M. Doherty, or Owner Unknown . . . . .	2,910 75	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	2,910 75	• • • • •
Estate belonging to Chas. Tufts . . . . .	3,683 73	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	3,683 73	• • • • •
Estate belonging to F. J. Oliver . . . . .	339 44	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	339 44	• • • • •
Estate belonging to J. A. Palmer . . . . .	15 88	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	15 88	• • • • •
Estate belonging to Owner Unknown . . . . .	220 24	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	220 24	• • • • •
Excess and Deficiency . . . . .	• • • • •	125,561 91	• • • • •	29,477 43	\$11,969 03	• • • • •	• • • • •	• • • • •	• • • • •	84,115 45	• • • • •
Funded Debt . . . . .	72,000 00	• • • • •	\$642,500 00	849,354 00	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •
Fire Department . . . . .	30,996 14	• • • • •	1,305 37	• • • • •	29,500 00	• • • • •	• • • • •	• • • • •	• • • • •	\$190 77	• • • • •
Fire Alarm Telegraph . . . . .	13,000 00	• • • • •	• • • • •	• • • • •	3,000 00	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •
Gravel Land in Waltham . . . . .	35,000 00	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •
Gravel Land in Wakefield . . . . .	13,500 00	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •
Health Department . . . . .	4,572 50	• • • • •	40 00	• • • • •	5,000 00	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	\$467 50



	Highways . . . .	316 56	7,758 00	100,000 00	25,799 29	2,401 12	\$311,431 13	\$1,432,610 84	\$12,786 84
Highways . . . .	107,491 57	.	. . . .	.	.	.	.	.	.
Highways (Pinckney Street) . . . .	2,898 05	.	.	.	.	.	.	.	.
Highways (Florence Street) . . . .	11,321 77	.	.	.	.	.	.	.	.
Highways (Vernon Street) . . . .	4,404 56	.	.	.	.	.	.	.	.
Highways (Middlesex Avenue) . . . .	5,356 88	.	.	.	.	.	.	.	.
Highways (Milk St., Widening) . . . .	114,692 66	1,050 00	7,758 00	100,000 00	25,799 29	2,401 12	12,786 84	12,786 84	12,786 84
Highways (Hight'd Ave. widening) . . . .	1,631 82	.	.	.	1,631 82	.	.	.	.
Highways (Hight'd Ave. extension) . . . .	89 00	.	.	.	89 00	.	.	.	.
Highways (Willow Avenue) . . . .	11,149 01	.	.	.	11,149 01	.	.	.	.
Highways (Morris'n Street) . . . .	4,291 54	.	.	.	4,291 54	.	.	.	.
Highways (Appleton Street) . . . .	1,768 54	.	.	.	1,768 54	.	.	.	.
Highways (Adams Street) . . . .	2,583 28	.	.	.	2,583 28	.	.	.	.
Highways (Dann Street) . . . .	2,147 59	.	.	.	2,147 59	.	.	.	.
Highways (Wallace Street) . . . .	2,503 67	.	.	.	2,503 67	.	.	.	.
Highways (Glen Street) . . . .	2,273 24	.	.	.	2,273 24	.	.	.	.
Highways (Day St.) . . . .	6,509 27	.	.	.	6,509 27	.	.	.	.
Highways (Oliver Street) . . . .	4,941 39	.	.	.	4,941 39	.	.	.	.
Highways (Broadway widening) . . . .	27,117 38	3,765 00	.	.	23,352 38	.	.	.	.
Highways (Quincy Street) . . . .	820 45	.	.	.	820 45	.	.	.	.
Highways (Warren Avenue) . . . .	3,443 00	99 00	.	.	3,542 00	.	.	.	.
Highways (Church Street) . . . .	31 30	.	.	.	31 30	.	.	.	.
Highways (Irving Street) . . . .	29 47	.	.	.	29 47	.	.	.	.
Highways (Park Avenue) . . . .	16 41	.	.	.	16 41	.	.	.	.
Carried forward . . . .	\$506,040 48 \$3,135,754 23	\$648,977 03 \$3,688,807 06	\$149,469 03	\$26,429 50	\$158,500 00	\$2,868 62	\$311,431 13	\$1,432,610 84	\$12,786 84

*Carried forward.*





## Table D.

RECEIPTS DURING THE YEAR 1874.

*Funded Debt.*

Received from sale of bonds authorized by the City Council.

Bonds Nos. 6 @ 9 Sidewalk	
Loan . . . . .	\$40,000 00
Bonds Nos. 16 @ 18 Water	
Loan . . . . .	15,000 00
Bonds Nos. 36 @ 146, inc. City	
Loan . . . . .	587,500 00
	<hr/>
	\$642,500 00

*Fire Department.*

Received for old hand engine, sold	265 00	
Of Wm. Blake & Co., for bell metal . . . . .	464 87	
Fire Alarm Telegraph acc't, sundry bills for materials, etc., charged when paid to Fire Department account .	500 00	
For Manure, sold . . . .	56 00	
Sundries . . . . .	19 50	
	<hr/>	1,305 37

*Health Department.*

Received for funeral expenses of F. Wilson, died of small-pox,	40 00
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*Highways.*

Received of John P. Squire, for earth sold him . . . .	316 66
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*Highways (Milk Street Widening).*

Received for land and buildings sold . . . . .	1,050 00
	<hr/>
Amount carried forward . . . .	\$645,212 03



*Amount brought forward* . . . \$645,212 03

**Highways** (*Broadway Widening*).

Received of Albert Kenneson for building sold him . . .	\$1,450 00	
Of Timothy Crowley for building sold him . . .	475 00	
Of E. A. Foster for two buildings sold him . . .	1,025 00	
Of Richard Falvey for building sold him . . .	800 00	
For small building sold . . .	15 00	
	<hr/>	3,765 00

**Highway Betterment Assessments.**

Uncollected Dec. 31, 1873 . . .	7,760 00	
Uncollected Dec. 31, 1874 . . .	7,660 00	
	<hr/>	
Received . . . . .		100 00

**Incidentals.**

*Sums received which cannot properly be credited to any specific department.*

Received of the State Treasurer,		
Corporation Taxes . . .	4,808 86	
Bank Taxes . . . . .	5,272 88	
	<hr/>	10,081 74

**Interest.**

Received on deposits in Banks . . .	4,264 81	
Taxes . . . . .	5,950 03	
Bonds issued, accrued interest at time of disposal . . .	4,394 23	
	<hr/>	14,609 07

**Miscellaneous.**

Received of the State Treasurer as		
Rent of Armory for 1873 . . .	250 00	
Dividends on Insurance Policies . . . . .	51 45	
	<hr/>	
<i>Amounts carried forward</i> . . .	\$301 45	\$673,767 84



<i>Amounts brought forward</i> .	\$301 45	\$673,767 84
Received for Auctioneer's licenses,	6 00	
Licenses to collect old junk, etc. . . . .	130 00	
From some person unknown, being, as he says in letter, "money exacted from the town by unfair means" .	20 00	
Fees on sales of Real Estate for non-payment of Taxes and Assessments, over costs	121 92	
Of Charles E. Gilman, fees received by him as City Clerk for recording liens and mortgages, and for mar- riage certificates . . .	463 92	
	<hr/>	1,043 29
<i>Miscellaneous (Watering Streets).</i>		
Received of sundry persons as their proportional part of the cost of watering streets .	2,407 93	
	<hr/>	2,407 93
<i>Police Court Department.</i>		
Received of Lebbeus Stetson, Clerk of the Court, Officers' Fees, etc., for 1873 and 1874 . . . . .		2,622 34
<i>Public Library.</i>		
Received of the County Treasurer return on Dog Licenses for 1873 . . . . .	1,162 29	
Of the Librarian for Cata- logues sold . . . .	73 00	
Fines . . . . .	164 59	
	<hr/>	
<i>Amounts carried forward</i> .	\$1,399 88	\$679,841 40

<i>Amounts brought forward</i> .	\$1,399 88	\$679,841 40
Old Paper sold . . . .	75	
Some person unknown, Witness Fee received by him in Police Court, and donated .	2 80	
	<hr/>	1,403 43

**Public Park.**

Received of R. B. Stickney for building sold him . . . .	650 00	
R. M. Kimball and J. W. Davis for building sold them .	975 00	
Jas. Gallagher for building sold him . . . . .	370 00	
Michael Cotter for building sold him . . . . .	240 00	
John Lane for building sold him . . . . .	400 00	
Samuel Oakman for building sold him . . . . .	325 00	
Nicholas Doyle for building sold him . . . . .	175 00	
Horace Partridge for three buildings sold him . . . .	870 00	
M. E. Hawes for building sold him . . . . .	315 00	
Return on amount over paid on land bought, in consequence of error in computation of areas . . . .	230 42	
	<hr/>	4,550 42

**School Contingent.**

Received of the State Treasurer, City's proportion of School Fund for 1873 . . . .	639 92	
	<hr/>	
<i>Amounts carried forward</i> .	\$639 92	\$685,795 25

<i>Amounts brought forward</i> .	\$639 92	\$685,795 25
For use of Room in Prescott		
School House . . . . .	39 00	
For use of Morse Hall . . . . .	24 00	
For use of Forster Hall . . . . .	238 00	
For tuition of Non-resident		
Pupils . . . . .	171 25	
From buildings sold from ad-		
ditional land for Jackson		
School House . . . . .	940 00	
Return Premiums on sundry		
Policies of Insurance . . . . .	361 77	
	<hr/>	2,413 94

***Sewers.***

Received of Milk, Washington, and		
Beacon Streets Sewer Ac-		
count, amount erroneously		
approved to and paid from		
Sewers Account . . . . .		104 00

***Sewer Assessments.***

Uncollected Dec. 31, 1873 . . . . .	\$19,395 98	
Assessed by the Mayor and Alder-		
men in 1874 . . . . .	25,886 81	
	<hr/>	45,282 79
Abatements . . . . .	\$1,375 58	
Uncollec'd Dec. 31, '74, 24,008 92		
	<hr/>	25,384 50
Received . . . . .	<hr/>	19,898 29

***Street Lights.***

Received of sundry persons for		
lamp posts located . . . . .		135 00
		<hr/>
<i>Amount carried forward</i> . . . . .		\$708,346 48

*Amount brought forward* . . . \$708,346 48

### *Support of Poor.*

Received of O. S. Knapp, Administrator, dividend on claim for support of Jas. M. Burns	\$333 75	
Of Town of Melrose, burial expenses of pauper . . .	20 50	
For support of pauper in Charlestown Almshouse .	147 50	
For Support of Paupers : —		
Of State Treasurer . . .	430 10	
City of Boston . . .	161 33	
City of Cambridge . . .	672 97	
City of Haverhill . . .	42 70	
Town of Abington . . .	264 49	
Town of Billerica . . .	24 00	
Town of Chicopee . . .	10 75	
Town of Dover . . .	25 05	
Town of Hingham . . .	17 00	
Town of Peabody . . .	33 07	
	<hr/>	2,183 21

### *Somerville Water Works.*

Received of John P. Squire for water pipe, hydrant, etc. .	217 40	
For old bbls. sold . . .	24 85	
Patent Water and Gas Pipe Co., repairs in 1873 and 1874 on guaranteed pipe . . .	\$415 52	
Less for tools purchased . . .	98 70	
	<hr/>	316 82
	<hr/>	
<i>Amounts carried forward</i> .	\$559 07	\$710,529 69

<i>Amounts brought forward</i> .	\$559 07	\$710,529 69
Miscellaneous acc't for ten stand pipes for street water- ing purposes . . . . .	814 26	
Sewers acc't, for labor and materials furnished . . . .	727 00	
School Contingent acc't, for labor and materials at High School House . . . . .	174 48	
Highways acc't, for materials furnished . . . . .	65 00	
Highways (Vernon St.) acc't, for materials furnished . .	25 30	
Highways (Glen St.) acc't, for materials furnished . . . .	41 60	
Highways (Adams St.) acc't, for materials furnished . .	22 65	
Highways (Dana St.) acc't, for materials furnished . .	41 58	
Highways (Milk St. widening) acc't, for materials fur- nished . . . . .	357 30	
C. H. North & Co., for pipe and labor . . . . .	159 84	
Malden Water Works, for pipe furnished . . . . .	466 20	
	<hr/>	3,454 28

***State of Massachusetts (State Aid).***

Due from the State Dec. 31, 1873,	33 93
Sums paid in 1873, due from the State Dec 1, 1874 . . . .	3,779 00
Sums paid in 1874, receivable Dec. 1, 1875 . . . . .	3,567 03

<i>Amounts carried forward</i> .	\$7,379 96	\$713,983 97
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*Amounts brought forward* . \$7,379 96 \$713,983 97

Disallowed from payments prior  
to 1872 . . \$434 30

Disallowed from pay'ts  
in 1872 . . 8 00

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442 30

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6,937 66

Due from the State, receivable  
Dec. 1, 1875 . . .

3,622 43

Received from the State Treasurer,

3,315 23

### *Sidewalk Assessments.*

Uncollected, Dec. 31, 1873 . . 21,258 27

Assessed by the Mayor and Alder-  
men in 1874 . . . 44,804 53

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66,062 80

Abatement . . . 79 80

Uncollected . . 42,310 82

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42,390 62

Received . . . . . 23,672 18

### *Temporary Loans.*

Amounts borrowed by authority of  
the City Council.

Feb. 2. — Of Warren Institu-  
tion for Savings, payable  
April 1 . . . 30,000 00

Feb. 2. — Of Edward Ayers,  
payable April 1 . . . 2,000 00

Feb. 9.— of C. H. Lothrop,  
payable April 1 . . . 3,000 00

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*Amounts carried forward,* \$35,000 00 \$740,971 38

<i>Amounts brought forward,</i>		\$35,000 00	\$740,971 38
March 20. — Mrs. A. L.			
Locke, payable April 1	. 10,000 00		
April 7. — Of Warren Institution for Savings, payable in eight months	. . . 50,000 00		
April 9. — Of Home Savings Bank, payable in eight mos.	50,000 00		
April 9. — Through Thomas H. Lord, payable in eight months	. . . 15,000 00		
July 1. — Of Charles Wilson, payable in five months	. 3,000 00		
July 1. — Of Home Savings Bank, payable in four mos.	37,000 00		
July 7. — D. H. Hartshorn, payable in five months	. 2,000 00		
July 17. — Boston Five Cents Savings Bank, payable in four months	. . . 50,000 00		
July 17. — Of Boston Five Cents Savings Bank, payable in five months	. . . 50,000 00		
Aug. 24. — Of Warren Institution for Savings, payable in four months	. . . 20,000 00		
Aug. 27. — Of Boston Five Cents Savings Bank, payable in four months	. . . 75,000 00		
Dec. 28. — Of N. E. Trust Co., payable in four months	50,000 00		
Dec. 28. — Of Boston Five Cents Savings Bank, payable in six months	. 125,000 00		
		<hr/>	572,000 00
<i>Amount carried forward</i>	. .		\$1,312,971 38

*Amount brought forward* . . \$1,312,971 38

***Taxes.***

For 1872, Uncollected Dec. 31, 1873 \$1,920 00

Abatements . 996 00

Uncol'cted Dec. 31, '74 898 00

1,894 00

26 00

For 1873, Uncollected Dec. 31,

1873 . . . 93,381 84

Abatements . 3,048 30

Uncollected Dec.

31, 1874 . . 22,809 12

25,857 42

67,524 42

For 1874, Ass'd on \$30,837,700.00

valuation at \$15.00 per

thousand, and on 5,335

polls: Amount as per As-

sessors' Warrant . . 473,235 50

Abatements, net, 8,647 00

Uncollected Dec.

31, 1874 . 114,820 50

123,467 50

349,768 00

Received for 1872 . . . 26 00

1873 . . . 67,524 42

1874 . . . 349,768 00

417,318 42

*Amount carried forward* . . \$1,730,289 80

*Amount brought forward* . . \$1,730,289 80

***Water Maintenance.***

Received of the Mystic Water  
Board of Boston, return on  
water rates : —

For 1873, 20 % on \$1250 69	\$250 14
25 % on 930 81	232 70
For 1874, 15 % on 20,000 00	3,000 00
20 % on 10,000 00	2,000 00
25 % on 5,341 47	1,335 36
	<hr/>
	6,818 20

On Water Bonds issued, ac- crued interest at time of disposal . . . .	159 78
	<hr/>

6,977 98

***Water Services.***

Amount of Assessments in 1874,  
as per certificates of Super-  
intendent of Water Works . 9,112 58

Uncoll'd Assessments Dec. 31, 1874 . . . .	1,524 38
	<hr/>
	7,588 20

Received for hydrant and repairing pipe . . . .	17 60
	<hr/>

7,605 80

***Water Service Assessments.***

Uncollected Dec. 31, 1873 . .	1,284 35
Dec. 31, 1874 . .	247 10
	<hr/>

Received . . . . .	1,037 25
	<hr/>

Total receipts . . . . .	\$1,745,910 83
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## Table E.

DISBURSEMENTS DURING THE YEAR 1874.

*Middlesex County.*

Paid County Treasurer, County Tax	.	.	\$12,289 95
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*Estate belonging to M. Doherty or Owner Unknown.*

Paid C. L. Heywood, for filling low land	.	.	.	\$2,865 75	
E. F. Bowker, for survey and computations	.	.	.	45 00	
				<hr/>	2,910 75

*Estate belonging to Charles Tufts.*

Paid John T. Bamrick, for filling low land	.	.	.	3,608 22	
C. D. Elliot, surveying	.			75 51	
				<hr/>	3,683 73

*Estate belonging to F. J. Oliver.*

Paid John T. Bamrick, for filling low land	.	.	.	328 34	
C. D. Elliot, surveying	.			11 10	
				<hr/>	339 44

*Estate belonging to J. A. Palmer.*

Paid C. D. Elliot, surveying	.	.	.		15 88
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*Estate belonging to Owner Unknown.*

Paid John T. Bamrick, for filling low land	.	.	.	214 94	
C. D. Elliot, surveying	.			5 30	
				<hr/>	220 24

*Funded Debt.*

Paid Sidewalk Bond No. 2	.	.	10,000 00	
Town " " 2	.	.	35,000 00	
School " " 1	.	.	27,000 00	
			<hr/>	72,000 00

Amount carried forward	.	.		<hr/> <hr/> \$91,459 99
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*Amount brought forward* . . . \$91,459 99

***Fire Department.***

Paid Jas. R. Hopkins, Chief Engineer, salary . . .	\$600 00
Four Assistant Engineers, salaries . . .	800 00
Clerk of Engineers, salary . .	50 00
Steamer Engine Co. . .	714 37
John E. Wool Hose Co. . .	695 41
Geo. H. Foster Hose Co. . .	705 00
Winter Hill Hose Co. . .	673 75
Geo. O. Brastow Hose Co. . .	680 00
Prescott Hook and Ladder Co. (6 mos.) . . .	577 50
R. A. Vinal Hook and Ladder Co. (6 mos.) . . .	541 00
Steamer Engineer . . .	1,020 00
Steamer Fireman . . .	840 00
Six drivers at \$840 each . .	5,040 00
One driver (6 mos.) . . .	420 00
Substitute drivers . . .	140 00
Hunneman & Co., for Geo. O. Brastow Hose Carriage . .	1,200 00
Cook, Rymes & Co., for R. A. Vinal Hook and Ladder Truck . . .	2,500 00
Mystic Water Board of Boston, water rates for hydrants . . .	616 00
Boston Elastic Fabric Co., for 800 feet hose . . .	848 00
Boston Belting Co., for 800 feet hose . . .	781 50
W. A. Torrey & Co., for 800 feet hose . . .	992 00

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*Amounts carried forward* . \$20,434 53      \$91,459 99

<i>Amounts brought forward</i>	\$20,434 53	\$91,459 99
S. Cooper & Co., for two horses . . . . .	775 00	
Wm. Blake & Co., for bell . . . . .	743 75	
Repair bills on apparatus . . . . .	1,590 63	
Repair bills on buildings . . . . .	1,243 57	
Furniture bills . . . . .	572 74	
Grain bills . . . . .	733 20	
Hay and Straw bills . . . . .	931 47	
Fuel bills . . . . .	710 59	
Gas bills . . . . .	420 67	
Harness and repair bills . . . . .	884 46	
Blacksmithing and horse shoe- ing bills . . . . .	223 97	
Washing bills . . . . .	102 64	
Boston Machine Co., for hy- drant . . . . .	150 00	
for water gate . . . . .	25 00	
Chas. Holmes, stove work . . . . .	27 87	
for cotton waste . . . . .	15 08	
for refreshments . . . . .	70 00	
J. A. Cummings & Co. print'g, . . . . .	29 50	
Water rates . . . . .	75 00	
Running Hook and Ladder truck (5 mos.) . . . . .	125 00	
J. L. Crafts, taking down and putting up bells . . . . .	350 00	
For veterinary services . . . . .	49 50	
H. A. Byrnes, services on Fire Alarm Telegraph . . . . .	30 00	
Expressing bills . . . . .	45 30	
Oil bills . . . . .	105 32	
Sundry bills for labor, mate- rials for Fire Alarm Tele- graph, etc. etc. . . . .	531 35	
	<hr/>	30,996 14
<i>Amount carried forward</i> . . . . .		\$122,456 13

*Amount brought forward* . . . \$122,456 13

***Fire Alarm Telegraph.***

Paid Gamewell & Co., contract for  
     constructing . . . . \$12,500 00  
     Fire Department acc't, sun-  
     dry bills for materials, etc. 500 00  
     

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 13,000 00

***Gravel Land in Waltham.***

Paid Geo. O. Brastow for deed of land . . . 35,000 00

***Gravel Land in Wakefield.***

Paid R. A. Johnson for deed of land . . . 13,500 00

***Health Department.***

Paid C. L. O'Neil for removing  
     offal, 6 mos. to June 26 . 1,525 00  
     " 6 " " Dec. 26 . 2,250 00  
     J. T. Bamrick, teaming . 528 00  
     Labor . . . . . 168 00  
     P. W. Skinner, services in  
     small-pox case . . . 80 00  
     Burying dead animals . . 7 50  
     Printing and advertising . 14 00  
     

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 4,572 50

***Highways.***

Paid laborers . . . . . 22,102 14  
     Laborers (from Overseers of  
     the Poor) . . . . 3,440 51  
     Turner, Kidney & Co. paving, 23,843 18  
     Chas. L. Heywood, for gravel, 11,470 02  
     F. W. Mead, for broken stone, 9,638 00  
     Samuel Cooper, for 5 horses . 1,650 00  
     Geo. H. Sampson, for powder 248 85  
     Seward Dodge, blacksmithing, 628 11  
     C. D. Elliot, surveying . 596 56  
     Hay and straw bills . . 306 70  
     

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*Amounts carried forward* . \$73,924 07 \$188,528 63

<i>Amounts brought forward</i>		\$73,924 07	\$188,528 63
Harness work bills	.	229 89	
Jesse Simpson, for gravel	.	224 75	
Boston and Maine Railroad, freight on gravel	.	280 50	
Fitchburg Railroad, freight on gravel	.	249 40	
S. W. Fuller & Co., for lum- ber	.	280 17	
Cook, Rymes & Co., for ham- mers, picks, etc.	.	222 55	
Edward O'Brien, horse-shoe- ing	.	316 69	
Parker & Gannett, for shov- els, plows, etc.	.	193 53	
Wm. P. Sargent & Co., for wagon	.	200 00	
J. T. Bamrick, for construct- ing Mt. Vernon Street	.	1,000 00	
James Bartley, for grain	.	329 91	
N. Tufts & Son, for grain	.	1,555 06	
Ira Hill, for land at junction of Milk and Bow Streets	.	888 00	
P. & M. Harwood, for land for the widening of School Street	.	556 50	
Isaac Kendall, for land for the widening of School Street	.	1,406 15	
N. W. Bingham, grade dam- ages on School Street	.	300 00	
Jane Hopkins, grade damages on School Street	.	300 00	
T. W. Mullett, grade damages on School Street	.	300 00	
Alonzo Wiggin, grade damages on School Street	.	250 00	
<i>Amounts carried forward</i>		\$83,007 17	\$188,528 63

<i>Amounts brought forward</i>		\$83,007 17	\$183,528 63
J. T. Glines, grade damages on Temple Street . . .	475 00		
Robert Kane, for land at junction of Milk and Linwood Streets . . . . .	703 14		
R. A. Johnson, for loading gravel, etc., at Wakefield .	1,210 81		
Franklin Henderson, as Superintendent of Streets . . . . .	1,500 00		
Aaron Sargent, as Clerk of Com. on Highways . . .	500 00		
Somerville Water Works account, labor and material in lowering pipe . . . . .	65 00		
Jas. R. Hopkins, for filling material . . . . .	440 00		
Stone . . . . .	909 50		
John McKenna, for teaming .	1,771 00		
Stone . . . . .	1,683 00		
C. A. Mongan, for teaming .	417 00		
Stone . . . . .	341 00		
Mrs. B. McCarroll, for team'g	432 00		
Martin Gill, for teaming .	1,179 00		
Stone . . . . .	1,062 00		
John Skehan, for teaming .	705 00		
C. L. O'Neil, for teaming .	606 00		
Dennis Murray, for teaming .	585 00		
Nicholas Baldwin, for team'g	579 00		
John Ryan, for teaming .	231 00		
Mary Crimmings, for teaming	234 00		
J. McCarroll, Jr., for teaming	138 00		
John T. Bamrick, for teaming	162 00		
Stone . . . . .	716 00		
Jas. Fitzpatrick, for teaming	858 00		
J. Curran, " "	69 00		

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*Amounts carried forward*, \$100,578 62 \$188,528 63



*Amounts brought forward*, \$100,578 62    \$188,528 63

John McCarty,	for teaming	135 00
R. McCue,	“ “	57 00
F. Shadwell,	“ “	57 00
M. O'Connell,	“ “	87 00
Henry Gray,	“ “	915 00
H. Maguire,	“ “	447 00
Edward Burke,	“ “	432 00
John McCauley,	“ “	138 00
John Hickey,	“ “	144 00
Mrs. A. O'Brien,	“ “	96 00
Mrs. M. Mahoney,	“ “	138 00
Michael Dalton,	“ “	138 00
John Downey,	“ stone	182 00
John Riley,	“ teaming	99 00
W. B. Munroe,	“ “	30 00
Frank Buttemer,	“ “	93 00
O. Cunningham,	“ “	102 00
Patrick Manning,	“ “	72 00
J. McCarty,	for stone and	
gravel . . . . .		1,756 00
Teaming . . . . .		681 00
Sundry bills for hardware,		
nails, carpenter work, ce-		
ment, oil, drain pipe, mow-		
ing grass, wheelwright		
work, etc. etc. . . .		1,113 95

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107,491 57

**Highways** (*Pinckney Street*).

Paid C. E. Lovering, for land	
taken . . . . .	1,600 00
Middlesex Register for re-	
cording deed . . . .	65
Jere'h McCarty, for construct-	
ing . . . . .	1,290 00
C. D. Elliot, surveying .	7 40

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2,898 05

*Amount carried forward* . . . \$298,918 25

*Amount brought forward* . . . \$298,918 25

**Highways** (*Florence Street*).

Paid E. D. Conant, for land taken	\$7,800 00	
Damages . . . . .	2,040 00	
John T. Bamrick, for constructing . . . . .	1,480 00	
C. D. Elliot, surveying . . . . .	1 77	
	<hr/>	11,321 77

**Highways** (*Vernon Street*).

Paid W. S. Barnes, for land taken	\$974 90	
W. H. Lowell, " "	114 00	
Warren Pollard, " "	1,800 00	
Jere'h McCarty, for constructing . . . . .	1,081 00	
Labor and materials in lowering water-pipe . . . . .	434 66	
	<hr/>	4,404 56

**Highways** (*Middlesex Avenue*).

Paid J. H. Dawe, balance for constructing . . . . .	4,431 00	
S. W. Fuller & Co., for lumber . . . . .	546 05	
M. Loughton, for building fence . . . . .	253 25	
" " for digging post holes . . . . .	96 20	
C. D. Elliot, surveying . . . . .	30 38	
	<hr/>	5,356 88

The cost of constructing Middlesex Avenue was:—

paid in 1873 . . . . .	7,242 00
" 1874 . . . . .	5,356 88
	<hr/>
	\$12,598 88

*Amount carried forward* . . . \$320,001 46

*Amount brought forward* . . . \$320,001 46

**Highways** (*Milk Street Widening*).

Paid sundry persons for land taken,

etc. . . . .	\$25,593 12	
Laborers . . . . .	16,353 86	
Laborers (from Overseers of the Poor) . . . . .	1,842 84	
J. P. Sanborn, for brick . . .	910 00	
Geo. W. Wyatt, for brick . . .	352 00	
Somerville Water Works ac- count, materials for lower- ing pipe . . . . .	357 30	
D. & H. Gore, for cesspool stones . . . . .	2,275 00	
Wm. R. Bradford, for catch basin covers . . . . .	297 00	
Edmands & Co., for drain pipe . . . . .	653 44	
Cook, Rymes & Co., for picks, drills, etc. . . . .	83 00	
Boston and Maine Railroad, freight on gravel . . . . .	211 50	
Parker & Gannett, for plows, plow-points, shovels, etc. . .	305 29	
James Bartley, for lanterns, oil, etc. . . . .	179 66	
H. Wellington & Co., for cement . . . . .	420 85	
C. D. Elliot, for surveying . .	347 29	
S. W. Fuller & Co., for lum- ber . . . . .	166 95	
Turner, Kidney & Co., for paving . . . . .	14,208 80	
Jesse Simpson, for gravel . . .	266 50	

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*Amounts carried forward* . \$64,824 40 \$320,001 46

<i>Amounts brought forward</i>	\$64,824 40	\$320,001 46
Paid C. L. Heywood, for gravel	7,461 73	
F. W. Mead, for broken stone	15,370 00	
Jere'h McCarty, for teaming	1,479 00	
Stone	2,935 50	
John McCarty, for teaming	522 00	
Nicholas Baldwin, for teaming	297 00	
John Skehan, for teaming	756 00	
C. L. O'Neil, for teaming	795 00	
M. Hennessy, for stone	251 50	
D. McCarty, for stone	420 00	
J. McCarroll, Jr., for team'g	420 00	
Nicholas Doyle, for stone	606 50	
John P. Pritchard, for stone	85 00	
John Madden, for stone	61 00	
Patrick Murray, for stone	156 00	
Mary Mahoney, for teaming	129 00	
John McCauley, for teaming	687 00	
Michael Dalton, for teaming	390 00	
John Downey, for teaming	36 00	
Stone	85 00	
Henry Gray, for teaming	1,410 00	
John Ryan, for teaming	393 00	
Edwd. Burke, for teaming	903 00	
John Hickey, for teaming	828 00	
John Curran, for teaming	861 00	
C. A. Mongan, “	900 00	
Martin Gill, “	297 00	
Stone	1,910 00	
Jas. Fitzpatrick, for teaming	297 00	
Dennis Murray, “ “	303 00	
T. Norton, for stone	86 00	
P. Durgin, “ “	54 50	
Hugh Maguire, for teaming	897 00	
John McKenna, “ “	54 50	

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*Amounts carried forward*, \$106,961 63 \$320,001 46

<i>Amount brought forward</i> . . .		\$320,001 46
Paid John McKenna for stone . . .	\$1,423 00	
Mrs. B. McCarroll, for teaming . . . . .	762 00	
Mrs. A. O'Brien, for teaming . . . . .	185 00	
Stone . . . . .	855 00	
J. T. Bamrick, for teaming . . . . .	555 00	
Stone . . . . .	1,384 00	
Mary Crimmings, for teaming, . . . . .	417 00	
James R. Hopkins, for stone, . . . . .	1,455 50	
Sundry bills for labor, sand, stone, carpenter work, advertising, etc. . . . .	694 53	
	<hr/>	114,692 66

The cost of widening Milk Street has been for land taken:—

Paid in 1873 . . . . .	\$42,390 00
" 1874 . . . . .	25,593 12

Constructing to completion:—

Paid in 1873 . . . . .	1,180 50
" 1874 . . . . .	89,099 54
	<hr/>
	\$158,263 16

And the unsettled claims for land damages are about . . . . .

\$23,000 00

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### **Highways** (*Highland Avenue Widening*).

Paid sundry persons claims for land damages . . . . .	1,626 41	
C. D. Elliot, surveying . . . . .	5 41	
	<hr/>	1,631 82

### **Highways** (*Highland Avenue Extension*).

Paid costs of Court in suits against

G. H. Dickerman, L. L.

Tower and others . . . . . 89 00

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*Amount carried forward* . . . . . \$436,414 94



*Amount brought forward* . . . \$436,414 94

**Highways** (*Willow Avenue*).

Paid J. T. Bamrick, constructing,	\$11,000 00	
S. W. Fuller & Co., lumber,	69 17	
M. Loughton, carpenter work,	49 95	
C. D. Elliot, surveying	29 89	
	<hr/>	11,149 01

**Highways** (*Morrison Street*).

Paid J. T. Bamrick, for construct-		
ing . . . . .	4,269 87	
A. B. Morss & Co., advertis-		
ing . . . . .	10 05	
C. D. Elliot, surveying	11 62	
	<hr/>	4,291 54

**Highways** (*Appleton Street*).

Paid J. T. Bamrick, for construct-		
ing . . . . .	1,752 38	
A. B. Morss & Co., advertis-		
ing . . . . .	10 35	
C. D. Elliot, surveying	5 81	
	<hr/>	1,768 54

**Highways** (*Adams Street*).

Paid Lemuel Gulliver award for		
land taken . . . . .	900 00	
Jeremiah cCarty, for grad-		
ing . . . . .	1,510 00	
For labor and materials in		
lowering water pipes . . . . .	158 15	
A. B. Morss & Co., advertis-		
ing . . . . .	9 00	
C. D. Elliot, surveying	6 13	
	<hr/>	2,583 28
<i>Amount carried forward</i> . . . . .		\$456,207 31

*Amount brought forward* . . . \$456,207 31

**Highways** (*Dana Street*).

Paid Charles Tufts, award for land taken . . . . .	\$886 50	
Jas. R. Hopkins, for stoning and grading . . . . .	1,050 00	
For labor and materials in lowering water pipe . . . . .	193 46	
B. Spooner, advertising . . . . .	5 70	
C. D. Elliot, surveying . . . . .	11 93	
	<hr/>	2,147 59

**Highways** (*Wallace Street*).

Paid E. Moses & Sons, for constructing . . . . .	2,455 35	
A. B. Morss & Co., for advertising . . . . .	15 25	
C. D. Elliot, surveying . . . . .	33 07	
	<hr/>	2,503 67

**Highways** (*Glen Street*).

Paid Jere'h McCarty, for constructing . . . . .	1,800 00	
For labor and materials in lowering water pipe . . . . .	151 21	
Chas. Orton, damages . . . . .	67 50	
H. R. Bishop, damages . . . . .	200 00	
E. Stone, damages . . . . .	25 00	
A. B. Morss & Co., advertising . . . . .	13 60	
C. D. Elliot, surveying . . . . .	15 93	
	<hr/>	2,273 24
<i>Amount carried forward</i> . . . . .		<hr/> \$463,131 81

*Amount brought forward* . . . \$463,131 81

**Highways** (*Day Street*).

Paid Horace Haskins <i>et al.</i> , award		
for land taken . . . . .	\$3,725 00	
W. A. Mason, for land taken	1,000 00	
John T. Bamrick, for constructing . . . . .	1,741 00	
B. Spooner, advertising . . . . .	5 40	
S. W. Fuller & Co., for lumber . . . . .	27 43	
C. D. Elliot, surveying . . . . .	10 44	
	<hr/>	6,509 27

**Highways** (*Oliver Street*).

Paid Charles Tufts, award for land		
taken . . . . .	467 50	
J. F. Nickerson, award for land taken . . . . .	407 10	
F. J. Oliver, for land taken . . . . .	12 30	
Jere'h McCarty, for constructing . . . . .	4,044 50	
C. D. Elliot, surveying . . . . .	9 99	
	<hr/>	4,941 39

**Highways** (*Broadway Widening*).

Paid sundry persons for land taken,		
and damages . . . . .	26,726 44	
C. G. Pope, examining titles, etc. . . . .	154 00	
A. B. Morss & Co., advert'g . . . . .	29 85	
B. Spooner, advertising . . . . .	6 00	
E. H. Foote, surveying . . . . .	131 13	
C. D. Elliot, surveying . . . . .	11 96	
DeCosta & Sawyer, commission and expenses on sale of buildings . . . . .	58 00	
	<hr/>	27,117 38
<i>Amount carried forward</i> . . . . .		\$501,699 85

*Amount brought forward* . . . \$501,699 85

**Highways** (*Quincy Street*).

Paid Geo. W. Ireland, award for		
land taken . . . . .	\$800 00	
B. Spooner, advertising . . . . .	6 00	
A. B. Morss & Co., advertising . . . . .	4 50	
C. D. Elliot, surveying . . . . .	9 95	
	<hr/>	820 45

**Highways** (*Warren Avenue*).

Paid Abraham Burnett, award for		
land taken and damages . . . . .	613 44	
Laborers . . . . .	718 79	
C. L. Heywood, for gravel . . . . .	498 95	
John McKenna, for stone . . . . .	394 50	
John Downey, for stone . . . . .	192 50	
Daniel McCarty, for stone . . . . .	97 00	
Daniel Radley, for stone . . . . .	16 00	
J. R. Hopkins, for stone . . . . .	218 50	
Hugh Maguire, for teaming . . . . .	84 00	
J. McCarroll, Jr., for teaming . . . . .	87 00	
C. A. Mongan, for teaming . . . . .	72 00	
Edward Burke, for teaming . . . . .	69 00	
Mary Mahoney, for teaming . . . . .	87 00	
John McCauley, for teaming . . . . .	99 00	
Henry Gray, for teaming . . . . .	102 00	
Michael Dalton, for teaming . . . . .	69 00	
C. D. Elliot, surveying . . . . .	24 32	
	<hr/>	3,443 00

**Highways** (*Church Street*).

Paid A. B. Morss & Co., advertising . . . . .	15 15	
B. Spooner, advertising . . . . .	10 45	
C. D. Elliot, surveying . . . . .	5 70	
	<hr/>	31 30

*Amount carried forward* . . . \$505,994 60

*Amount brought forward* . . . \$505,994 60

**Highways** (*Irving Street*).

Paid A. B. Morss & Co., advertising . . . . .	\$9 70	
B. Spooner, advertising . . . . .	5 70	
C. D. Elliot, surveying . . . . .	14 07	
	<hr/>	29 47

**Highways** (*Park Avenue*).

Paid B. Spooner, advertising . . . . .	5 40	
A. B. Morss & Co., advertising . . . . .	5 40	
C. D. Elliot, surveying . . . . .	5 61	
	<hr/>	16 41

**Highways** (*Chauncy Avenue*).

Paid B. Spooner, advertising . . . . .	5 40	
A. B. Morss & Co., advertising . . . . .	5 40	
C. D. Elliot, surveying . . . . .	5 50	
	<hr/>	16 30

**Highways** (*Winthrop Avenue*).

Paid B. Spooner, advertising . . . . .	5 40	
A. B. Morss & Co., advertising . . . . .	5 40	
C. D. Elliot, surveying . . . . .	7 76	
	<hr/>	18 56

**Interest**

(*On Funded Debt*).

Paid coupons of Sidewalk Loan Bonds, Nos. 1 @ 5, inclusive; Town Loan Bonds, Nos. 1 @ 8 inclusive; School Loan Bonds, Nos. 1 @ 4 inclusive; and City Loan Bonds, Nos. 1 @ 79 inclusive:—

\$228,000, 1 year, @ 7 per cent 15,960 00

<i>Amounts carried forward</i> .	\$15,960 00	<hr/>	\$506,075 34
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*Amounts carried forward* . \$15,960 00 \$506,075 34

45,000, 6 mo's, @ 7 per cent

per annum . . . 1,575 00

273,000, 1 year, @  $6\frac{1}{2}$  pr. ct. 17,777 50

229,000, 6 mo's, @  $6^1$  “

per annum . . . 7,442 50

28,000, 1 year, @ 6 per cent 1,680 00

39,854, 1 year, @  $5^1$  “ 2,192 00

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46,627 00

Less deductions from coupons

not for full time . . . 1,845 33

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44,781 67

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(On Temporary Loans, etc.)

Paid R. H. Sturtevant, on note . 60 00

“ “ . 92 67

Warren Inst'tion for Savings,

on note . . . 350 00

Edwd. Ayres, on note . 23 33

C. H. Lothrop, on note . 30 92

Mrs. A. L. Locke, on note . 21 67

Boston Five Cents Savings

Bank, on note . . . 1,166 67

Mercantile Savings Bank, on

money received in advance

of bond issued . . . 65 63

J. B. Remick, on note . 30 00

Jesse Simpson, on note . 202 67

Home Savings Bank, on note 740 00

Boston Five Cents Savings

Bank, on note . . . 1,083 33

New England Trust Co., on

note . . . 1,110 42

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*Amounts brought forward* . \$4,977 31 \$506,075 34

<i>Amounts brought forward .</i>	\$4,977 31	\$506,075 34
Warren Inst'tion for Savings,		
on note . . . . .	2,333 33	
T. H. Lord, on notes . . . .	700 00	
Boston Five Cents Savings		
Bank, on notes . . . . .	3,091 99	
Home Savings Bank, on note	2,518 05	
Chas. Wilson, on note . . . .	97 50	
Warren Inst'tion for Savings,		
on note . . . . .	444 17	
Mrs. D. H. Hartshorn, on note	58 00	
	<hr/>	
	14,220 35	
Paid brokerages on loans to M.		
Bolles & Co. . . . .	282 50	
R. L. Day & Co. . . . .	846 25	
Sundry persons . . . . .	20 00	
	<hr/>	
	15,369 10	
	<hr/>	
On Funded Debt . . . . .	44,781 67	
Temporary loans, etc. . . .	15,369 10	
	<hr/>	
		60,150 77
<i>Miscellaneous.</i>		
Paid W. F. Brown & Co., for		
printing City Reports for		
1873 . . . . .	\$438 16	
Jesse Simpson, for release of		
tax title for land illegally		
sold him in 1870 . . . . .	28 98	
In 1871 . . . . .	99 45	
Proctor, Warren and Brigham,		
legal services in Miller's		
River case . . . . .	100 00	
G. A. Torrey, legal services		
in Miller's River case . . .	150 00	
	<hr/>	
<i>Amounts carried forward .</i>	\$816 59	\$566,226 11

<i>Amounts brought forward.</i>	\$816 59	\$566,226 11
Paid Post 139, G. A. R., for Memorial Day . . . .	350 00	
G. F. Morgan, for abstracts from deeds, for Assessors .	269 38	
Jairus Mann, for maintenance of team . . . . .	500 00	
C. D. Elliot, for surveying .	189 98	
Sidewalk assessment acc't, assessment for sidewalk on Highland Avenue . . .	818 25	
on School St. . . . .	466 53	
Somerville Water Works acc't for stand pipes for street watering purposes . . .	814 26	
D. & H. Gove, for edge-stones and paving at City Hall .	76 63	
Turner, Kidney & Co., for stone-steps at City Hall .	52 00	
Tufts Brick Co., for bricks at City Hall . . . . .	45 00	
Brown & Wheeler, for window awnings . . . . .	31 50	
Union Hall Co., for use of Hall for W'd Meetings, etc.,	102 00	
C. A. Small, pound-keeper for 1874 . . . . .	25 00	
Albert Caswell, for care of flagstaff for 1874 . . .	50 00	
W. J. Barry, damages on Washington Street . . .	100 00	
C. G. Pope, examining titles,	125 00	
O. S. Knapp, legal services .	233 25	
M. K. Norwood, for building sheds at City Hall . . .	450 00	
<i>Amounts carried forward .</i>	<i>\$5,515 37</i>	<i>\$566,226 11</i>

<i>Amounts brought forward</i>	\$5,515 37	\$566,226 11
Paid G. A. Kimball, for plans and computing areas for Assessors . . . . .	83 25	
L. R. Horne, making plans . . . . .	76 00	
J. C. Magoun, salary as Sealer of Weights and Measures for 1873 and 1874 . . . . .	200 00	
Alfred E. Mann, for returns of births . . . . .	181 25	
Cleaning windows . . . . .	29 00	
P. & W. S. White, carpenter work . . . . .	14 27	
F. D. Snow, for stakes for City Engineer . . . . .	49 38	
H. B. Runey, for return of deaths . . . . .	34 75	
Greenough, Jones & Co., for directories . . . . .	12 00	
C. J. Adams, for support of prisoners in House of Correction . . . . .	94 14	
State Reform School, for board of boys . . . . .	55 92	
Michael Hanley, verdict for damages to estate on Milk Street . . . . .	490 74	
Patrick Rafferty, for return of deaths . . . . .	60 70	
E. K. Maynard, labor . . . . .	29 75	
Maurice Neville, labor around City Hall . . . . .	288 50	
Albert Caswell, carpenter work . . . . .	59 92	
<i>Amounts carried forward</i>	\$7,274 94	\$566,226 11

<i>Amounts brought forward</i>		\$7,274 94	\$566,226 11
Paid Mystic Water Board, water rates for City Hall . . .	50 00		
D. H. Hicks, verdict for damages to estate on Franklin Street . . . . .	1,146 11		
W. H. Kennedy, damages to horse on highway . . .	100 00		
C. D. Elliot, attendance at Court . . . . .	8 27		
Water Service Assessment account, service pipe to drinking trough . . . . .	38 88		
Converse & Kelly, legal services . . . . .	45 00		
J. D. Hills, carpenter work .	206 38		
J. R. Hopkins, for manure .	28 00		
Asa Durgin, for ice . . .	44 40		
F. A. Titus, for hose . . .	43 50		
J. A. Cummings & Co., for printing . . . . .	508 65		
L. M. Maynard, for use of horse and carriage for City Engineer . . . . .	182 00		
For manure . . . . .	9 00		
Care of City Hall . . .	24 00		
Labor at cemetery . . .	15 00		
Labor . . . . .	30 00		
J. P. Healy, legal advice, consultations, etc. . . . .	50 00		
F. J. Williams, delivering tax bills, adjusting old taxes, etc. etc. . . . .	400 00		
Ward Officers . . . . .	176 00		
For postage stamps . . .	71 08		
<i>Amounts carried forward</i>		\$10,451 21	\$566,226 11



<i>Amounts brought forward</i>	\$10,451 21	\$566,226 11
Paid for materials for City Engin'r	100 65	
Sundry bills for advertising	357 33	
Expressing . . . .	14 25	
Fuel . . . .	281 48	
Gas fixtures . . . .	202 03	
Gas . . . .	207 69	
Labor, hardware, car fares, serving notices, insur- ance, etc. etc. . . .	544 24	
Sundry bills for stationery	349 36	
E. M. Paul, carpenter work	26 22	
	<hr/>	12,534 46

**Miscellaneous** (*Watering Streets*).

Paid Chas. Linehan, for watering	\$4,408 95	
Mystic Water Board, for water . . . .	400 00	
Advertising . . . .	6 90	
	<hr/>	4,815 85

**Police.**

Paid M. C. Parkhurst, Chief	\$1,700 00	
R. R. Perry, Captain	1,320 00	
J. B. Alden, patrolman	1,092 00	
S. A. Brown, “	1,092 00	
D. B. Spaulding, “	1,092 00	
Ivan Loughton “	1,092 00	
John Hafford, “	1,092 00	
Edward McGarr, “	1,092 00	
S. R. Dow, “	1,092 00	
C. C. Cavanagh, “	1,092 00	
C. D. Clark, “	1,095 00	
J. W. Oliver, “	1,095 00	
M. H. Kinsley “	1,095 00	
S. E. Rollins, “	1,083 00	
O. H. Webber, “	1,083 00	

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*Amounts carried forward* . \$17,207 00 \$583,576 42

<i>Amounts brought forward</i>		\$17,207 00	\$583,576 42
Paid P. W. Skinner, patrolman	.	1,047 00	
F. W. Slade,	"	888 00	
C. C. Folsom,	"	1,047 00	
N. F. Caswell,	"	1,092 00	
B. F. Sheridan,	" (extra)	450 50	
Rufus Shute,	" "	611 50	
C. D. Bonner,	" "	309 00	
H. W. Kimball,	" "	355 00	
Jos. Young,	" "	50 00	
W. H. Denton,	" "	267 50	
W. H. Winslow,	" "	30 00	
G. W. Ring,	" "	13 00	
G. W. Holden,	" "	5 00	
Hugh Blanchard,	" "	7 50	
L. H. Snow,	" "	14 50	
T. C. Joslyn,	" "	2 50	
A. S. Arnold,	" "	7 50	
N. L. Pennock,	" "	5 00	
A. L. Staples,	" "	43 50	
H. Webber,	" "	30 00	
A. E. Mann,	" "	50 00	
Albert Fiske,	" "	65 00	
A. C. Kinsley,	" "	2 50	
C. C. Cavanagh,	" "	8 50	
S. D. Blanchard,	" "	10 00	
S. L. Lewis,	" "	10 00	
Bose Cobb,	" "	20 00	
Asa Durgin, for ice	.	12 00	
Cambridge Gas Co., gas	.	140 73	
H. Wellington & Co., fuel	.	38 50	
Brine & Clark, fuel	.	20 70	
C. Holmes, stove work, etc.	.	30 09	
Mystic Water Board, water rates	.	15 00	
<i>Amounts carried forward</i>		\$23,906 02	\$583,576 42

<i>Amounts brought forward</i>	\$23,906 02	\$583,576 42
Paid C. Sullivan & Co., plumbing	14 45	
For sundries . . . . .	9 70	
	<hr/>	23,930 17

***Police Court Department.***

Paid Jairus Mann, Constable of the Court . . . . .	\$500 00	
M. C. Parkhurst, keeper of lock-up . . . . .	100 00	
L. H. Brown, carriage hire . . . . .	35 00	
A. B. Morss & Co, printing . . . . .	5 25	
For washing and for food for prisoners . . . . .	365 45	
	<hr/>	1,005 70

***Public Library.***

Paid Noyes, Holmes & Co., for books, etc. . . . .	1,653 25	
J. A. Cummings & Co., printing . . . . .	230 50	
Premium of insurance . . . . .	37 50	
H. A. Adams, Assistant Librarian . . . . .	600 00	
Lizzie Stevens, Assistant . . . . .	258 75	
Other Assistants . . . . .	38 75	
Sundry bills for paper, expressing, etc. . . . .	58 63	
	<hr/>	2,877 38

***Police Station.***

Paid Patrick Terry, for land . . . . .	10,662 40	
Taxes for 1874 on land . . . . .	118 50	
J. S. Tuttle, for laying foundation . . . . .	825 00	
Alonzo Bowers, on contract to construct . . . . .	9,000 00	
A. Caswell, for stakes . . . . .	4 66	
	<hr/>	

<i>Amounts carried forward</i>	\$20,610 56	\$611,389 67
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*Amounts brought forward* . \$20,610 56 \$611,389 67

Paid C. D. Elliot, for surveying . 15 28

J. H. Clough, on account for  
plans, etc. . . . 250 00

Recording deed , . . 65

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20,876 49

### ***Public Park.***

Paid the following named persons  
(and the mortgagees) for  
estates : —

John J. Daly . . . 1,947 17

Michael Cotter : . . 1,207 50

John Cummings . . . 1,155 00

Jas. Gillanders . 1,700

Less rent deducted . 25

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1,675 00

C. F. Baldwin . . . 3,075 00

Jos. Gallishaw . . . 1,775 00

Geo. R. Kelso . . . 2,628 80

A. M. Lyons . . . 1,809 65

Chauncey Holt . . . 8,377 95

Thos. Lord . . . 7,195 28

“ . . . 210 00

“ . . . 26,075 51

Sam'l A. Carlton . . . 30,645 91

A. W. Tufts . . . 2,200 00

J. Dupont *et al.* . . . 2,600 00

John Kearney . . . 302 78

C. D. Wright . . . 162 80

Patrick Callahan . . . 2,300 00

Henry Wall . . . 1,380 92

Philip Daly . . . 1,540 00

Daniel McCarty . . . 288 20

V. R. Warren . . . 3,414 70

I. C. Cushing . . . 3,990 14

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*Amounts carried forward*, \$105,957 31 \$632,266 16

<i>Amounts brought forward,</i>		\$105,957 31	\$632,266 16
Paid Edwd. Kelly . . . . .	2,200 00		
Additional interest upon pay- ment of mortgages . . . . .	250 98		
Taxes as per agreement on sundry estates purchased . . . . .	884 42		
Less received . . . . .	174 00		
	<hr/>	710 42	
C. G. Pope, for examining titles . . . . .	320 00		
For making deeds . . . . .	42 .		
Less received . . . . .	20		
	<hr/>	22 00	
Middlesex Registry, for recording deeds, re- leases, etc. . . . .	35 70		
Less received . . . . .	7 00		
	<hr/>	28 70	
J. A. Cummings & Co., print- ing . . . . .	12 00		
E. H. Foote, surveying, etc.	268 29		
C. D. Elliot, surveying . . . . .	206 48		
De Costa & Sawyer, selling buildings, advertising, etc.	56 67		
A. B. Morss & Co., advert'g,	26 85		
Bourne Spooner, advertising,	17 00		
S. W. Fuller & Co., for lum- ber . . . . .	204 18		
Mark Loughton, carpenter w'k,	21 94		
Journal Newspaper Co., ad- vertising . . . . .	17 25		
R. M. Pulsifer & Co., adv'g,	20 25		
Laborers . . . . .	1,279 00		
T. L. Lovejoy, teaming . . . . .	102 00		
Henry Gray, " . . . .	108 00		
	<hr/>		
<i>Amounts carried forward,</i>		\$111,829 32	\$632,266 16



*Amounts brought forward*, \$111,829 32 \$632,266 16

Paid Martin Gill, teaming . . .	114 00	
W. B. Munroe, " . . .	99 00	
Parker & Gannett, for shovels, . . .	15 00	
A. S. Willard, carpenter w'k, . . .	109 95	
	<hr/>	112,167 27

***Salaries.***

Paid W. H. Furber, Mayor . . .	1,000 00	
Charles E. Gilman, City Cl'k, . . .	2,500 00	
Aaron Sargent, City Treas'r, . . .	2,750 00	
Chas. Robinson, Jr., City Solicitor . . . . .	2,101 80	
L. R. Horne, City Engineer, . . .	71 00	
C. D. Elliot, " . . . .	2,089 73	
Horace Chapin, City Physic'n, . . .	700 00	
John C. Magoun, Assessor . . . . .	800 00	
Thos. Cunningham, " . . . .	800 00	
John C. Tenney, " . . . .	800 00	
Ansel Lewis, Assistant " . . . . .	200 00	
A. J. Taylor, " " . . . . .	200 00	
F. G. Williams, " " . . . . .	200 00	
Orel Towle, " " . . . . .	200 00	
L. H. Bigelow, Clerk of Assessors . . . . .	100 00	
G. I. Vincent, Clerk of Assessors . . . . .	900 00	
E. M. Blaisdell, Clerk to City Clerk . . . . .	500 00	
S. A. B. Lord, Clerk to Treasurer . . . . .	500 00	
C. D. Elliot, for Assistants to City Engineer . . . . .	500 00	
Solomon Davis, Clerk of Common Council . . . . .	300 00	
Jairus Mann, City Messenger, . . . . .	1,000 00	
	<hr/>	18,212 53

*Amount carried forward* . . . \$762,645 96

*Amount brought forward* . . . \$762,645 96

***School Contingent***

*(By the Committee on Public Property).*

Paid John McLaughlin, for land for Jackson School House yard, and building . . .	\$2,500 00
Lucy J. Gallagher, for land for Jackson School House yard, and building . . .	3,192 50
Somerville Water Works acc't for service pipe at High School House . . .	174 48
James Wyman, moving night soil . . . . .	92 00
H. F. Miller, for piano . . .	400 00
F. A. Titus, gas piping, etc. . .	38 32
C. Sullivan & Co., gas fix- tures . . . . .	16 30
Sewer Assessment acc't, sewer assessments . . . . .	316 62
Edward Earley, slating . . .	212 40
J. A. Swazey, for blackboards . . .	31 80
For mason work . . . . .	971 97
“ carpenter work . . . . .	3,248 08
“ hanging bells . . . . .	12 25
“ painting . . . . .	1,128 15
Charles Tufts, rent of chapel for school room . . . . .	50 00
Repairs, etc., on heating ap- paratus . . . . .	941 84
For labor . . . . .	64 00
“ plumbing . . . . .	1,033 64
“ expressing . . . . .	21 75
“ furniture . . . . .	806 44

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*Amounts carried forward* . \$15,252 54 \$762,645 96

*Amounts brought forward* . \$15,252 54 \$762,645 96

Paid sundry bills for repairs,		
brushes, printing, mats,		
hardware, etc. . . . .	482	61
Insurance premiums . . . .	334	00
	<hr/>	
	16,069	15
	<hr/>	

*(By the Committee on Fuel.)*

Paid H. Wellington & Co., for fuel	\$1,013	50
Brine & Clark, for fuel . . .	4,288	85
S. M. Fuller, for fuel . . . .	8	25
J. R. Conant, for weighing . .	66	00
	<hr/>	
	\$5,376	60
	<hr/>	

*(By the School Committee.)*

Paid janitors . . . . .	\$2,817	11
J. L. Hammatt, for books,		
etc. . . . .	953	25
E. A. Kelley, for books . . .	325	78
Crane & Perry, for books . . .	20	25
King & Luce, for books . . . .	30	99
W. C. Clark, " . . . .	37	85
Sundry teachers, " . . . .	211	79
J. W. C. Gilman & Co., for		
writing-books . . . . .	532	84
J. A. Cummings & Co, for		
printing . . . . .	143	37
Thos. Groom & Co., for pens .	76	10
For expressing . . . . .	41	05
Gas bills . . . . .	232	18
Sundry bills for books, clean-		
ing, etc. etc. . . . .	121	70
R. A. Vinal, rent of hall . . .	262	50
Union Hall Co., rent of hall .	156	00
	<hr/>	

*Amounts carried forward* . \$5,962 76 \$762,645 96

<i>Amounts brought forward .</i>	\$5,962 76	\$762,645 96
Paid Webster Ave. Church, rent of vestry . . . . .	300 00	
W. G. Shattuck, furniture . . . . .	39 04	
Ginn Bros., music charts . . . . .	18 00	
Chas. Holmes, stove work, etc. etc. . . . .	80 54	
W. F. Marston, rent of piano . . . . .	25 00	
S. H. Hadley, tuning pianos . . . . .	10 00	
W. F. Brown & Co., printing . . . . .	16 40	
Wakefield Rattan Co., for mats . . . . .	145 05	
Felix Conlon, tuition fee returned . . . . .	10 50	
Ernest Ingersoll, for birds for High School . . . . .	50 00	
Mystic Water Board, water rates . . . . .	304 78	
Cambridge Water Board, water rates . . . . .	19 00	
Nichols & Hall, drawing materials . . . . .	23 40	
Goodnow & Wightman, drawing materials . . . . .	22 50	
Edmands' Band, for music at High School exhibition . . . . .	51 00	
James Wyman, moving night soil . . . . .	24 00	
N. S. Dearborn, for diplomas . . . . .	25 50	
S. R. Burke, for moving furniture . . . . .	25 25	
Smith & Page, carriage hire . . . . .	13 00	
J. H. Davis, salary as Superintendent . . . . .	2,000 00	

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*Amounts carried forward .* \$9,165 72 \$762,645 96

<i>Amounts brought forward</i>	\$9,165 72	\$762,645 96
Paid G. A. Southworth, for printing, etc. . . . .	103 04	
	<hr/>	
	9,268 76	
	<hr/>	
By the Committee on Public Property . . . . .	16,069 15	
Committee on Fuel . . . . .	5,376 60	
School Committee . . . . .	9,268 76	
	<hr/>	
		30,714 51

### *School Teachers' Salaries.*

The salaries were raised in September last; the lowest salary paid is \$375, the highest \$2,400; the amount paid for the year was . . . . .	55,990 62
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### *Sewers.*

Paid J. T. Bamrick, for constructing sewer in Medford Street and Highland Avenue . . . . .	8,365 78	
Rich'd Falvey, for constructing sewer in Aldersey St. in Walnut Street . . . . .	803 00	
	1,572 75	
P. J. Lattimoor and J. J. Dory, for constructing sewer in Mt. Vernon Street . . . . .	630 63	
J. J. Dory, for constructing sewer in Perkins Street . . . . .	2,145 32	
Jere'h McCarty, for constructing sewer in Oliver Street . . . . .	2,512 02	
C. A. Mongan, for constructing sewer in Brick Yard Lane . . . . .	2,005 98	
	<hr/>	
<i>Amounts carried forward</i>	\$18,035 48	\$849,351 09



<i>Amounts brought forward</i>		\$18,035 48	\$849,351 09
Paid J. J. Dory, for constructing sewer in Cross Street	.	899 84	
Tim. Murphy, for construct'g sewer in Beacon Street	.	952 85	
B. McCarroll, for constructing sewer in Quincy Street	.	1,181 15	
Dan'l Brooks, for constructing sewer in Warren Avenue	.	1,601 88	
S. H. Tarbell, for constructing sewer in Ward and Earle Streets	.	7,692 32	
In Medford Street	.	10,398 71	
C. D. Elliot, for surveying	.	348 02	
Cambridge Gas Light Co., for repairing gas pipe	.	69 53	
Somerville Water Works acc't, trenching in Pinckney Street	.	679 50	
Brine & Clark, for cement	.	103 70	
W. M. Hadley & Co., for cement	.	363 20	
A. Parker, for cesspool stone	.	1,432 17	
J. P. Sanborn, for brick	.	837 20	
Day & Collins, for drain pipe,	.	366 90	
Wm. R. Bradford, for cesspool covers	.	271 80	
Albert Kenneson, superintendent	.	791 67	
Sundry bills for advertising	.	100 95	
Rich'd Falvey, for labor and brick	.	103 15	
Edmands & Co., for drain pipe	.	80 00	
W. S. Blanchard, for lumber,	.	196 04	
<i>Amounts carried forward</i>		\$46,506 06	\$849,351 09

<i>Amounts brought forward</i>	\$46,506 06	\$849,351 09
Paid D. A. Sanborn, Jr. . . . .	104 00	
Sam'l Littlefield, for brick . . . .	121 50	
Jere'h McCarty, for labor . . . . .	178 00	
Chas. E. Sherman, for labor . . . .	35 00	
M. Loughton, for labor . . . . .	17 50	
Morrill & Hooker, for cast'gs . . .	29 39	
Mass. Cement Drain Pipe Co., for drain pipe . . . . .	508 99	
Laborers . . . . .	3,368 23	
Sundry bills for sand, oil, nails, printing, hose, lan- terns, etc. . . . .	329 89	
	<hr/>	51,198 56

**Sewers** (*Milk Street Sewer*).

Paid S. H. Tarbell, balance on con- tract to construct . . . . .	64,511 51	
Extra work . . . . .	1,674 67	
Cleaning drains, etc. . . . .	718 47	
C. D. Elliot, surveying . . . . .	155 06	
Albert Kenneson, for brick . . . .	43 25	
F. M. Burrows, labor . . . . .	46 50	
Tim. Murphy, labor . . . . .	65 00	
Sundries . . . . .	13 71	
	<hr/>	67,228 17

The cost of the Milk Street sewer was, — paid in 1873 . . . . .	22,486 00	
1874 . . . . .	67,228 17	
	<hr/>	
	89,714 17	
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**Sewers** (*Milk, Washington, and  
Beacon Street Sewers*).

Paid P. & M. Terry on contract to construct . . . . .	27,700 00	
	<hr/>	
<i>Amounts carried forward</i>	\$27,700 00	\$967,777 82

<i>Amounts brought forward</i>	\$27,700 00	\$967,777 82
Paid C. D. Elliot, surveying	154 85	
D. A. Sanborn, Jr., Superintendent	464 00	
Sundries	23 85	
	<hr/>	28,342 70

***Soldiers' Relief.***

Paid Sturtevant Bros. for provisions	123 00	
For poultry, — Thanksgiving,	93 56	
Lamson & Maynard, for poultry, — Thanksgiving	445 28	
H. Wellington & Co., and Brine & Clark, for fuel	248 45	
Sundry bills for groceries	80 50	
Sundry persons, aid	142 00	
	<hr/>	1,132 79

***State Aid.***

Paid Monthly Pay-rolls, — amount charged to the State	3,567 03
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***Street Lights.***

Paid Cambridge Gas-Light Co., for gas	2,381 61	
Charlestown Gas Co., for gas	1,838 92	
Hugh Blackwell, for lighting	2,670 20	
Globe Gas-Light Co., for lighting	23 38	
For lamp-posts	385 77	
Sundry bills, for repairs	700 35	
Sundry bills for fluid, alcohol, lanterns, signs, glass, ladders, etc.	341 36	
	<hr/>	8,341 59
<i>Amount carried forward</i>		\$1,009,161 93

*Amount brought forward* . . \$1,009,161 93

***Support of Poor.***

Paid H. Wellington & Co., for fuel,	\$1,339 42
Brine & Clark, for fuel . . . . .	883 96
Sturtevant Bros., for provisions . . . . .	915 30
Food for lodgers . . . . .	121 23
Dyer Bros., for boots and shoes . . . . .	84 64
Philip Eberle, for boots and shoes . . . . .	398 39
Charles Hodgkins, for boots and shoes . . . . .	69 05
J. H. Brooks, for dry goods . . . . .	55 79
Roberts Bros., for groceries . . . . .	136 00
H. W. Crowell, for groceries . . . . .	604 37
Carpenter Bros., for groceries . . . . .	194 50
I. B. Hamblin, for groceries . . . . .	170 00
James Bartley, for groceries . . . . .	354 42
James Bartley, for boots and shoes . . . . .	26 22
George McLaughlin, for groceries . . . . .	132 00
J. C. Sullivan, for groceries . . . . .	312 00
Robert Stewart, for groceries . . . . .	34 89
J. O'Brien & Co., for groceries . . . . .	595 86
P. T. O'Brien & Co., for groceries . . . . .	380 00
Worcester Lunatic Hospital, for support of insane pauper . . . . .	143 78
Patrick Rafferty, undertaker's services . . . . .	332 50
H. B. Runey, undertaker's services . . . . .	114 00

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*Amounts carried forward* . \$7,398 32 \$1,009,161 93

<i>Amounts brought forward</i> .		\$7,398 32	\$1,009,161 93
Paid Thomas Devens, undertaker's services . . . . .	31 00		
Vermont Asylum, for support of Henry Kinsley and Bridget Bradburn, to Oct. 1 .	369 00		
City of Boston, for support of paupers . . . . .	894 46		
City of Charlestown, for support of paupers . . . . .	284 35		
City of Taunton, for support of paupers . . . . .	121 44		
City of Cambridge, for support of paupers . . . . .	217 84		
City of Lowell, for support of paupers . . . . .	45 85		
City of Chelsea, for support of paupers . . . . .	22 50		
City of Lawrence, for support of pauper . . . . .	3 00		
City of Lynn, for support of paupers . . . . .	22 75		
City of Haverhill, for support of paupers . . . . .	50 25		
Town of Holliston, for support of paupers . . . . .	87 00		
Rent of room for Overseers of the Poor . . . . .	110 00		
Sundry persons, for rent of rooms for the poor . . .	239 06		
C. T. Johnson, for provisions	14 00		
M. C. Parkhurst, food for lodgers . . . . .	73 90		
Sundry persons for care of paupers . . . . .	115 35		
<i>Amounts carried forward</i> .		\$10,100 07	\$1,009,161 93



*Amounts brought forward* . \$10,100 07 \$1,009,161 93

Paid J. Bryant, undertaker's services . . . . .	15 00	
Thomas Goodhue, moving furniture . . . . .	30 00	
Horace Chapin, medical treatment of paupers . . . . .	79 50	
W. W. Dow, medical attendance . . . . .	17 00	
E. Jackson, medical attendance	13 50	
R. Willis, medical attendance	2 00	
Ansel Lewis, transportation of paupers and travelling expenses . . . . .	52 90	
Sundry bills for stationery, postage stamps, furniture, etc. . . . .	101 45	
Horace Chapin, Overseer of the Poor . . . . .	300 00	
Thos. Cunningham, Overseer of the Poor . . . . .	300 00	
Ansel Lewis, Overseer of the Poor . . . . .	300 00	
	<hr/>	11,311 42

***Somerville Water Works.***

Paid J. H. Reed & Co., for iron . . . . .	3,184 06
Wm. R. Bradford, for cast'gs, . . . . .	280 73
Farrar, Follett & Co., for iron, etc. . . . .	253 00
Boston Machine Co., for gates and hydrants . . . . .	2,793 09
Sewell, Day & Co., for rope and oakum . . . . .	125 15
Union Glass Co., for lanterns, . . . . .	29 25
Geo. Myers, for hardware . . . . .	75 25
	<hr/>

*Amounts carried forward* . \$6,740 53 \$1,020,473 35

<i>Amounts brought forward</i>	\$6,740 53	\$1,020,473 35
Paid L. H. Brown, use of horse and wagon . . . . .	112 50	
A. J. Wilkinson & Co., for hardware . . . . .	32 32	
Jas. Bartley, for grain . . . . .	232 99	
Carpenter, Woodward & Morton, for lead . . . . .	67 00	
Seward Dodge, bl'ksmithing, . . . . .	69 33	
Brine & Clark, for hay and straw . . . . .	95 97	
C. D. Elliot, surveying . . . . .	78 74	
Mrs. E. Pepper, for sand . . . . .	286 70	
Cook, Rymes & Co., castings, picks, etc. . . . .	287 11	
H. Wellington & Co., cement, . . . . .	1,760 10	
Wellington & Hunnewell, " . . . . .	1,433 10	
Parker & Gannett, for shovels, . . . . .	114 55	
W. Read & Sons, for powder, . . . . .	72 55	
D. Crosby, for pung . . . . .	75 00	
J. F. Ham, for hay . . . . .	12 58	
J. B. Elliott, horse-shoeing . . . . .	49 35	
Walworth M'f'g Co., for pipe, . . . . .	262 39	
G. Hickok, for horse . . . . .	300 00	
Sabin & Page, for duck . . . . .	35 40	
J. F. Paul & Co., for lumber . . . . .	140 65	
J. H. Brooks, for cloth . . . . .	23 72	
Benj. Almy, Superintendent . . . . .	1,500 00	
R. A. Vinal, services . . . . .	250 00	
Converse & Kelly, legal services in Campbell case . . . . .	212 00	
Newport Manufacturing Co. for hydrant . . . . .	78 00	
James Mitchell, injuries from defective gate box . . . . .	150 00	
<i>Amounts carried forward</i>	\$14,472 58	\$1,020,473 35

<i>Amounts brought forward</i>		\$14,472 58	\$1,020,473 35
Paid Tufts College Corporation,			
for pipe . . . . .	2,751 00		
American Steam Gauge Co.			
for press, etc. . . . .	38 50		
Morrill & Hooker, for stand			
posts . . . . .	270 00		
S. W. Fuller & Co., for lum-			
ber . . . . .	48 27		
D. & H. Gore, paving . . . .	26 50		
C. A. Mongan, labor . . . .	1,428 50		
Michael Devine, labor . . . .	349 02		
N. E. Linen Hose Co., for			
hose . . . . .	47 55		
Sturtevant Bros., for wagon			
and harness . . . . .	130 00		
Use of horse . . . . .	20 00		
Laborers . . . . .	17,790 89		
Sundry bills, for labor, drain-			
pipe, car-fares, postage, etc.	375 53		
	<hr/>		37,748 34

*Sidewalks.*

Paid Turner, Kidney & Co., edge-			
stones and setting . . . . .	38,986 23		
Tufts Brick Co., for brick . .	13,459 60		
Oliver Bennett, for brick . .	630 00		
Briggs & Doody, for brick . .	88 00		
E. A. Foster, for brick . . . .	2,177 50		
G. A. Foster, for brick . . . .	676 00		
Samuel Littlefield, for brick .	415 00		
Collins & Turner, for brick . .	4,888 50		
J. P. Sanborn, for brick . . . .	816 00		
James Dana, for brick . . . .	1,245 00		
S. W. Fuller & Co., for lum-			
ber . . . . .	880 96		

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*Amounts carried forward* . \$64,262 79 \$1,058,221 69

<i>Amounts brought forward</i>		\$64,262 79	\$1,058,221 69
Paid Jesse Simpson, for gravel	.	1,485 50	
C. D. Elliot, surveying	.	21 00	
C. L. Heywood, for gravel	.	511 70	
Laborers	.	6,870 75	
F. Buttemer, teaming	.	924 00	
T. L. Lovejoy, teaming	.	1,788 13	
John McCarty, teaming	.	123 00	
William B. Munroe, teaming	.	951 00	
John Riley, teaming	.	967 00	
Michael O'Connell, teaming	.	1,005 00	
John McKenna, teaming	.	1,119 00	
Patrick Manning, teaming	.	1,023 00	
Owen Cunningham, teaming	.	996 00	
Owen Casey, for brick	.	150 00	
Sundry bills, for printing, car- penter work, labor, etc.	.	419 41	
		<hr/>	82,617 28

*State of Massachusetts.*

Paid State Treasurer, State Tax	.	.	17,960 00
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*School House in Prospect Hill District.*

Paid G. T. Burnham & Co., balance for constructing	.	23,811 12	
Lyman Underwood, balance for plans, etc.	.	260 00	
Chas. Holmes, for heating ap- paratus	.	1,572 85	
J. D. Hills, for building priv- ies, fences, etc.	.	1,117 25	
J. S. Tuttle, for building bank wall	.	144 55	
C. D. Elliot, surveying	.	3 13	
O. Nowell, hanging bells	.	82 00	
		<hr/>	

*Amounts carried forward* . \$26,990 90 \$1,158,798 97

<i>Amounts brought forward</i>		\$26,990 90	\$1,158,798 97
Paid Insurance premiums	.	65 00	
Dennett & Gilson, gas fixtures and plumbing	.	85 95	
E. T. Peterson & Co., paint'g,		169 57	
Labor	.	11 25	
Wm. O. Haskell & Son, for settees	.	297 00	
		<hr/>	27,619 67
The cost of the school-house (now known as the Luther V. Bell School-house) and furnishing was, —			
Paid in 1873	.	30,155 04	
1874	.	27,619 67	
Furniture bill (unp'd) charg'd to the account	.	1,558 92	
Furniture bill (paid) charged in School contingent acc't	.	66 37	
Furniture transferred from other buildings	.	1,200 00	
		<hr/>	
		60,600 00	
		<hr/>	

### *Temporary Loans.*

Paid R. H. Sturtevant, two notes dated Nov. 1, 1873			
	.	6,000 00	
Asa P. Potter, note dated Nov. 19, 1873			
	.	10,000 00	
J. B. Remick, note dated Dec. 1, 1873			
	.	1,500 00	
Hathaway & Woods, note dated Nov. 19, 1873			
	.	5,000 00	
At National Security Bank, note dated Nov. 19, 1873			
	.	25,000 00	
Note dated Nov. 20, 1873	.	25,000 00	

<i>Amounts carried forward</i>	\$72,500 00	\$1,186,418 64
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<i>Amounts brought forward</i>		\$72,500 00	\$1,186,418 64
Paid Bunker Hill National Bank,			
note dated Nov. 21, 1873	10,000 00		
Note dated Nov. 28, 1873	10,000 00		
Second National Bank, note			
dated Nov. 26, 1873 . . .	5,000 00		
Note dated Nov. 29, 1873	5,000 00		
Dwelling-house Ins. Co., note			
dated Nov. 26, 1873 . . .	5,000 00		
Columbian National Bank,			
note dated Nov. 29, 1873 . .	5,000 00		
Lechmere National Bank,			
three notes dated Nov. 29,			
1873 . . . . .	15,000 00		
Warren Institution for Sav-			
ings, note dated Feb. 2,			
1874 . . . . .	30,000 00		
C. H. Lothrop, note dated			
Feb. 9 . . . . .	3,000 00		
Edward Ayres, note dated			
Feb. 2 . . . . .	2,000 00		
National Security Bank, note			
dated Dec. 3, 1873 . . .	1,500 00		
New England Trust Co., note			
dated Dec. 3, 1873 . . .	50,000 00		
Mrs. A. L. Locke, note dated			
March 20, 1874 . . .	10,000 00		
Boston Five Cents Savings			
Bank, note dated Dec. 16,			
1873 . . . . .	50,000 00		
Jesse Simpson, note dated			
Nov. 25, 1873 . . . . .	2,000 00		
Home Savings Bank, note			
dated July 1, 1874 . . .	37,000 00		

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*Amounts carried forward*, \$313,000 00 \$1,186,418 64

*Amounts brought forward*, \$313,000 00 \$1,186,418 64

Paid Boston Five Cents Savings		
Bank, two notes dated July		
17 . . . . .	100,000	00
Note dated Aug. 27 . . . . .	75,000	00
Warren Institution for Sav-		
ings, note dated April 7 . . . . .	50,000	00
Note dated Aug. 24 . . . . .	20,000	00
Thomas H. Lord, three notes		
dated April 9 . . . . .	15,000	00
Home Savings Bank, note		
dated April 9 . . . . .	50,000	00
Charles Wilson, note dated		
July 1 . . . . .	3,000	00
Mrs. D. H. Hartshorn, note		
dated July 7 . . . . .	2,000	00
	<hr/>	628,000 00

### ***Taxes.***

Paid return to S. H. Libbey, over-		
paid . . . . .		33 28

### ***Water Maintenance.***

Paid interest coupons of Water		
Loan Bonds, Nos. 1 @ 3,		
and 6 @ 18.		
\$60,000, 1 year, @ 7 per cent,	4,200	00
220,000, 1 year, @ 6½ “	14,300	00
15,000, 6 mo's, @ 6½ “		
per annum . . . . .	487	50
	<hr/>	18,987 50
Laborers, repairing pipe . . . . .	513	62
Sundries . . . . .	86	80
	<hr/>	19,587 92

### ***Water Services.***

Paid Boston Lead Co., for pipe . . . . .	345	78
	<hr/>	
<i>Amounts carried forward</i> . . . . .	\$345 78	\$1,834,039 84

<i>Amounts brought forward .</i>	\$345 78	\$1,834,039 84
Paid Thomas Cunningham (of Boston), for pipe, etc. . . .	1,514 08	
Union Water Meter Co., for stop-cocks, etc. . . .	2,629 60	
H. Wellington & Co., for cement . . . . .	47 50	
S. Dodge, blacksmithing . . . . .	23 98	
Hamblin & Mathews, for stop-cocks, etc. . . . .	287 74	
Laborers . . . . .	2,080 16	
J. A. Merrifield, labor, etc. . . . .	53 00	
Braman, Dow & Co., for pipe . . . . .	67 29	
Walworth Manufacturing Co., for pipe . . . . .	23 83	
William R. Bradford, for castings . . . . .	22 57	
Sundry bills for printing, labor, materials, furniture, etc. . . . .	75 66	
	<hr/>	7,171 19
Total disbursements . . . . .		\$1,841,211 03

ANNUAL REPORT  
OF THE  
SCHOOL COMMITTEE  
OF THE  
CITY OF SOMERVILLE,  
FOR THE YEAR 1874.

## CITY OF SOMERVILLE.

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IN SCHOOL COMMITTEE, Dec. 31, 1874.

The Superintendent submitted his Annual Report, which was read and unanimously accepted.

It was voted that the committee adopt the report now submitted by the Superintendent of the Public Schools, and present it to their fellow-citizens as the Report of the School Committee for the year 1874.

J. H. DAVIS, *Secretary*.

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IN BOARD OF MAYOR AND ALDERMEN, March 9, 1875.

Report accepted. Committee on Printing authorized to print the same in annual report, and as many copies separate as the School Committee may desire. Sent down for concurrence.

CHARLES E. GILMAN, *Clerk*.

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IN COMMON COUNCIL, March 22, 1875.

Concurred in.

SOLOMON DAVIS, *Clerk*.



# SCHOOL COMMITTEE FOR 1874.

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HON. WM. H. FURBER, Mayor, *ex officio*.

WM. H. HODGKINS, President of Common Council, *ex officio*.

## WARD ONE.

S. HANSCOM, M. D. . . Term expires Dec. 31, 1874.

S. S. WOODCOCK, " " 1875.

HENRY M. MOORE, " " 1876.

## WARD TWO.

REV. GEO. W. DURELL, . Term expires Dec. 31, 1874.

REV. CHAS. LOWE, " " 1875.

DANIEL E. CHASE, " " 1876.

## WARD THREE.

HENRY F. SPENCER, . . Term expires Dec. 31, 1874.

REUBEN WILLIS, M. D., " " 1875.

JAS. E. WHITNEY, " " 1876.

## WARD FOUR.

HORACE CHAPIN, M. D., . Term expires Dec. 31, 1874.

CHAS. F. KING, " " 1875.

PROF. BENJ. G. BROWN, " " 1876.

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*Chairman.*

HON. WM. H. FURBER.

*Secretary and Superintendent.*

JOSHUA H. DAVIS.

## SUB-COMMITTEES.

*On Examination of Teachers,* Messrs. CHAPIN, DURELL, LOWE,  
HANSCOM.

*On Text-Books,* . . . . Messrs. BROWN, LOWE, WHITNEY,  
MOORE.

*On Music,* . . . . Messrs. DURELL, WILLIS, KING.

*On School Furniture,* . . . Messrs. CHASE, KING.

*On Heating Apparatus,* . . Messrs. MOORE, LOWE.

*On School Supplies,* . . . Messrs. SPENCER, HANSCOM.

*On Drawing,* . . . . Messrs. WILLIS, WOODCOCK,  
BROWN.

*On Fuel,* . . . . Messrs. CHASE, WHITNEY.

*On Finance,* . . . . Messrs. SPENCER, CHASE.

*On Repairs,* . . . . Messrs. WOODCOCK, CHAPIN, WIL-  
LIS.

*On the High School,* . . . Messrs. BROWN, DURELL, SPENCER,  
CHAPIN, HANSCOM, LOWE.

REV. CHARLES LOWE died at Swampscott on Saturday, June 20th.

At the call of the Chairman, a special meeting of the Board was held on Tuesday, June 23, to make arrangements for attending the funeral of Mr. Lowe, and to initiate measures for placing upon record suitable testimonials of regard and to tender proper expressions of sympathy to his bereaved family. The Chairman, Mr. Spencer, Rev. Mr. Durell, and Dr. Chapin severally expressed their sorrow for the loss sustained by the Board and the community in the death of Mr. Lowe, and paid a high tribute to his exalted character and those qualities of mind and heart which endeared him to all who knew him.

The following Resolutions, prepared by Rev. Mr. Durell and Mr. Spencer, at the request of the Chairman, were unanimously adopted by the members of the Board, at their regular meeting, June twenty-seventh: —

WHEREAS it has pleased Almighty God, in his wise Providence, to remove from this world the soul of our friend and associate upon this Board, the Rev. Charles Lowe ; therefore,

*Resolved*, That we desire by these minutes to place upon permanent record our sense of the great bereavement that has fallen upon this city by the early and sudden death of one whose prominent position was rendered yet more conspicuous by the rare combination of excellences that marked his character. The duties of his sacred calling were his joy and delight, and his highest happiness was found in ministering to the happiness of others, in

guiding, sustaining, and comforting those who were distressed in mind, body, or estate.

*Resolved*, That we deeply deplore the loss we have sustained as a Board, and the important interests, also, which we represent, in the final departure from our midst of a member distinguished for scholarly attainments, for sound judgment, and that delicate courtesy and kindness in all relations which made his counsel always wise and his presence something like a benediction.

*Resolved*, That we shall gratefully cherish the remembrance of his pride in the honor and prosperity of this city, his chosen home ; and that we shall hold his singular worth in a most pleasant and sacred recollection.

*Resolved*, That we offer to his afflicted family the assurance of our hearty sympathy in their bereavement.

The City Council and School Committee met in convention Monday evening, August 10, and filled the vacancy in the School Board by the election of Rev. Henry H. Barber.

At the regular meeting of the School Board, August 29, Mr. Barber was appointed to fill all vacancies in the several sub-committees.

Rev. George W. Durell has been a member of the School Committee since March, 1867. His uniform urbanity, mature and accurate judgment, scholarly attainments, and long experience in school matters, rendered him an invaluable member of the Board. We greatly regret that the urgency of other duties compelled him to decline a re-election.

# SCHOOL COMMITTEE FOR 1875.

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HON. WM. H. FURBER, Mayor, *ex officio*.

SAML. M. PENNOCK, President of Common Council, *ex officio*.

## WARD ONE.

S. S. WOODCOCK, . . .	Term expires Dec. 31, 1875.
HENRY M. MOORE,	" " 1876.
S. HANSCOM, M. D.,	" " 1877.

## WARD TWO.

M. F. FARRELL, . . .	Term expires Dec. 31, 1875.
DANIEL E. CHASE,	" " 1876.
REV. H. H. BARBER,	" " 1877.

## WARD THREE.

REUBEN WILLIS, M. D., . .	Term expires Dec. 31, 1875.
JAS. E. WHITNEY,	" " 1876.
HENRY F. SPENCER,	" " 1877.

## WARD FOUR.

CHAS. F. KING, . . .	Term expires Dec. 31, 1875.
BENJ. G. BROWN,	" " 1876.
HORACE CHAPIN, M. D.,	" " 1877.

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*Chairman.*

HON. WM. H. FURBER.

*Secretary and Superintendent.*

JOSHUA H. DAVIS.

## SUB-COMMITTEES.

<i>On Examination of Teachers,</i>	Messrs. CHAPIN, HANSCOM, BARBER.
<i>On Text-Books, . . . . .</i>	Messrs. BROWN, WHITNEY, MOORE, BARBER.
<i>On Music, . . . . .</i>	Messrs. WILLIS, KING, CHASE.
<i>On School Furniture, . . .</i>	Messrs. CHASE, KING.
<i>On Heating Apparatus, . .</i>	Messrs. MOORE, FARRELL.
<i>On School Supplies, . . .</i>	Messrs. SPENCER, HANSCOM.
<i>On Drawing, . . . . .</i>	Messrs. WILLIS, WOODCOCK, BROWN.
<i>On Fuel, . . . . .</i>	Messrs. CHASE, WHITNEY.
<i>On Finance, . . . . .</i>	Messrs. SPENCER, CHASE.
<i>On Repairs, . . . . .</i>	Messrs. WOODCOCK, CHAPIN, WIL- LIS, FARRELL.



## SUPERINTENDENT'S REPORT.

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TO THE SCHOOL COMMITTEE OF SOMERVILLE:

*Gentlemen,* — The General Statutes of the Commonwealth require that the School Committee shall annually make a detailed report of the condition of the schools under their charge. Your Regulations require that the superintendent, under your direction, shall prepare the Annual Report.

In accordance with these requirements, the following report is respectfully submitted.

We enter upon a review of the year just closing with more than ordinary satisfaction, and would not fail to recognize, with gratitude, the Source of that prosperity which has marked the important interest committed to our supervision.

The deliberations of the Board have been uniformly harmonious and indicative of the deep solicitude of its members for the prosperity of the schools. No abatement has been witnessed in the interest which our citizens have always manifested in the cause of education. The City Council have generously made all necessary appropriations. The Committee on Public Property have supplied the numerous and ever-recurring wants of the schools with promptness, and have kept the buildings in excellent repair. The Truant officers have performed their duties faithfully, and have rendered valuable aid in preventing tru-



ancy. Teachers and pupils have labored industriously. In all respects, the schools generally are in a more satisfactory condition at the present time than at any previous period during our connection with them.

In our prosperity, however, we have not been exempted from ordinary vicissitudes. Here and there, all over the city, school desks have been vacated by those who never returned to claim them. For the first time in our history the members of the School Board have been called to deplore the loss by death of an associate, — Rev. Charles Lowe.

Mr. Lowe combined in his character whatever is pure and lovely and of good report. He was greatly beloved, and his death is universally lamented. When the end came he received his summons cheerfully, and furnished an additional illustration that

“ The chamber where the good man meets his fate  
Is privileged beyond the common walk  
Of virtuous life, quite in the verge of heaven.”

In compliance with the request of the School Board, the City Council, early in the year, authorized their Committee on Public Property to purchase land within the precincts of East Somerville District, and to erect thereon a school building similar to the Luther V. Bell School-house.

In accordance with their instructions, the committee selected an eligible lot of land on Tufts Street; but causes beyond their control prevented them from

negotiating for its purchase until the season was far advanced. The work of erecting the building will be commenced, probably, early in the coming spring.

Ten years ago a single school-room furnished ample accommodations for West Somerville District. At the present time six school-rooms are insufficient to meet the demands of that thriving section of our city.

A petition has been received from citizens residing in the northwestern portion of that district — remote from the Lincoln School-house — requesting that a school may be established in their immediate neighborhood.

In compliance with that petition, the Committee on Public Property are seeking for a suitable lot of land near the junction of Holland Street and Broadway, on which to erect a school building for the accommodation of the petitioners.

The completion of the Luther V. Bell School-house has supplied all deficiencies of school accommodations in Prospect Hill District.

There are at present eighteen school-houses, containing seventy-six school-rooms, all of which are occupied, except one in the Webster School-house and two in the Prospect Hill School-house.

Six additional schools have been organized within the year, — one in Spring Hill District, one in East Somerville District, and four in Prospect Hill District. Two of these additional schools were formed

by the division of two Primary Schools, which contained severally 104 and 106 pupils. The remaining four were required by the increase in our school population.

The whole number of schools at the present time is seventy-three:—

High School	.	.	.	.	.	1
Grammar Schools	.	.	.	.	.	43
Primary Schools	.	.	.	.	.	29

In consequence of the crowded condition of the primary department in the Prescott School-house, it became necessary, early in the spring, to separate the pupils in the lower classes into two divisions; and from the first week in April to the end of the school year, their attendance was restricted to one session only each day,—one division attending in the forenoons only, and the other in the afternoons only, alternating each successive week.

To avoid the continuance of this arrangement, the Committee on Public Property obtained a lease of the building known as the "Tufts Street Chapel," and during the summer vacation prepared it for school use. At the beginning of the school year, in September, a Primary School, composed of pupils taken from the Prescott School-house, was organized in that building.

Previous to the summer vacation, there was a Primary School in Vinal's Hall, containing 104 scholars, and another in Hawkins Hall containing 59 scholars; and in the vestry of the church edifice on Webster

Avenue there were two Grammar Schools containing 56 scholars each. At the beginning of the school year, in September, these 275 pupils were distributed among the schools that were formed in the Luther V. Bell and Prospect Hill School-houses.

Pupils composing the school that was organized in the Spring Hill Primary School-house, in September, were taken from the Beech Street School.

The Primary School in the Lincoln School-house, containing about 80 pupils, will be relieved by the school that will be established in the northwestern section of West Somerville District.

The Duntonian Writing Primer was introduced into the first and second classes of the Primary Schools in April, and the Writing Books into the Grammar Schools at the beginning of the school year, in September, at the expense of the city. Monroe's and Hillard's Franklin Readers have been substituted for Sargent's; Swinton's Language Lessons, for Greene's Grammar; and Swinton's School Composition, for Quackenbos's.

Teachers have been instructed in Drawing by Prof. Lucas Baker. Pupils have been taught in this branch of instruction by the regular teachers of the schools, and have made good proficiency. Very creditable specimens of drawing by every pupil in the Grammar Schools, were on exhibition at the close of the school year, in June. Instruction in Geometrical Drawing, has been given to pupils of the fourth



class in the High School by Miss Stetson, one of the teachers in the school.

A series of lessons in Elocution was given to pupils in the High School, previous to the annual exhibition of the school, by Mrs. Harriet E. Bean.

Pupils in the High and Grammar Schools have been instructed in vocal music by Mr. Hadley, as formerly, and his instruction has been supplemented by that of the regular teachers of the schools. The singing at the annual exhibitions of the schools gave gratifying evidence of the proficiency of pupils in this interesting and important branch of instruction. The singing at the exhibition of the High School especially indicated rare ability on the part of the teacher, and a high degree of cultivation on the part of the pupils.

Eight teachers have resigned during the year, and sixteen have been elected. Whole number of teachers at the present time is eighty-two: male teachers, eight; female teachers, seventy-four. There has been no change in the corps of male teachers within the year.



## SCHOOLS AND TEACHERS.

SCHOOL.	TEACHER.	Salary.	First Elected.
HIGH . . . . .	George L. Baxter . . . . .	\$2,400	1867
	Walter F. Marston . . . . .	1,800	1871
	Sarah L. Graves . . . . .	1 000	1865
	Mary E. Davis . . . . .	1,000	1864
	Annette E. Long . . . . .	1,000	1864
	Julia A. Stetson . . . . .	1,000	1873
	George R. Bradford . . . . .	1,800	1864
FORSTER . . . . .	Lillian A. Washburn . . . . .	575	1874
	Anna M. Snow . . . . .	650	1866
	Frances M. Guptill . . . . .	650	1869
	Edith C. Long . . . . .	650	1868
	Helen E. Magoun . . . . .	650	1868
	Martha H. Pennock . . . . .	475	1873
	Harriet J. Williams . . . . .	475	1873
	Ella F. Lears . . . . .	475	1874
	Gordon A. Southworth . . . . .	2,000	1873
	Anna M. Bates . . . . .	650	1874
PRESCOTT . . . . .	Nantie Adams . . . . .	650	1874
	Harriet N. Sands . . . . .	650	1864
	Kate A. Duncan . . . . .	650	1874
	Anna A. Hall . . . . .	650	1855
	M. Ellen Eddy . . . . .	650	1869
	Nancy W. Proctor . . . . .	650	1869
	Catharine T. Brown . . . . .	650	1868
	Clara Taylor . . . . .	650	1871
	Georgette P. Hall . . . . .	650	1874
	Fannie R. Morse . . . . .	650	1873
	Mary A. Rice . . . . .	650	1873
	Augusta M. Cowles . . . . .	700	1865
	Amelia I. Sears . . . . .	650	1873
	Anna L. Prescott . . . . .	475	1873
TUFTS STREET . .	Clara M. Bagley . . . . .	375	1873
	Grace A. T. Wilson . . . . .	650	1871
LUTHER V. BELL .	Samuel C. Hunt . . . . .	1,800	1866
	Eudora Morey . . . . .	650	1874
	Clara A. Battles . . . . .	650	1874
	Ellen M. Gooding . . . . .	650	1868
	Lydia L. Gordon . . . . .	650	1869
	Caroline S. Plimpton . . . . .	650	1859
	Abbie C. Hunt . . . . .	650	1873
	Fannie A. Wilder . . . . .	575	1874
	Lydia J. Page . . . . .	650	1869
	Lizzie Appleton . . . . .	375	1874
	Belle H. Grieves . . . . .	575	1874
	Augusta A. Roberts . . . . .	700	1861
	Ada C. Bennett . . . . .	575	1873
	Ellen Ledyard . . . . .	650	1874
BRASTOW . . . . .	Minnie Towle . . . . .	375	1874
	Sarah E. Pennock . . . . .	650	1871
BENNETT . . . . .	Annie W. Chickering . . . . .	650	1874
	Helen Tincker . . . . .	700	1872
	Adeline Sanderson . . . . .	650	1871

SCHOOLS AND TEACHERS — *Continued.*

SCHOOL.	TEACHERS.	Salary.	First Elected.
BENNETT, <i>Contin'd.</i>	Mary B. Currier . . . . .	375	1873
	Emma F. Schuh . . . . .	375	1874
JACKSON . . . . .	Lizzie W. Shelton . . . . .	700	1860
	Maria Miller . . . . .	650	1870
	Rebecca F. Woodberry . . . . .	650	1863
	Lizzie J. Hamilton . . . . .	575	1872
WEBSTER . . . . .	Ada L. Sanborn . . . . .	700	1869
	Annie L. Savage . . . . .	475	1873
	Nora O'Leary . . . . .	375	1874
UNION . . . . .	Fannie W. Kaun . . . . .	650	1870
HARVARD . . . . .	Emeline A. Dane . . . . .	475	1873
MORSE . . . . .	William B. Allen . . . . .	1,800	1869
	Nellie P. Nichols . . . . .	650	1871
	Pauline S. Downes . . . . .	650	1872
	Helen W. Chapin . . . . .	650	1873
	Anna E. Sawyer . . . . .	475	1873
BEECH STREET . .	Harriet H. Weld . . . . .	650	1871
	Mary A. Haley . . . . .	650	1868
SPRING HILL . . .	Louisa M. Wilde . . . . .	475	1873
FRANKLIN . . . .	Jane E. Clark . . . . .	700	1873
	Lizzie C. Howe . . . . .	650	1868
	Lillian E. Woodward . . . . .	650	1872
	Hattie A. Hills . . . . .	475	1874
LINCOLN . . . . .	Horace P. Makechnie . . . . .	1,800	1867
	Ella L. Burbank . . . . .	650	1868
	Georgianna Cutter . . . . .	650	1873
	P. Jenette Teele . . . . .	650	1870
CEDAR STREET . .	Alice Simpson . . . . .	650	1872
	Lizzie J. Conwell . . . . .	650	1873
	S. H. O. Hadley, Teacher of Music	1,000	1868

TABLE SHOWING THE LOCATION OF THE SEVERAL SCHOOL BUILDINGS, THE TIME OF THEIR ERECTION, THE ESTIMATED VALUE OF THE BUILDINGS, LAND, AND FURNITURE, THE NUMRER OF SCHOOL-ROOMS IN EACH BUILDING, AND THE NUMBER OF FEET IN EACH SCHOOL LOT.

NAME.	LOCATION.	When built.	No. of feet in the Lot.	Estimated value.	No. of School-Rooms.
High . . . . .	Highland Avenue .	1871		\$64,000	2
Forster . . . . .	Sycamore Street .	1866	32,693	54,000	8
Prescott . . . . .	Pearl Street. . . .	1867	21,444	58,000	12
Edgerly . . . . .	Cross Street . . . .	1871	26,428	35,500	4
Luther V. Bell .	Vinal Avenue . . . .	1874	22,262	60,600	10
Prospect Hill. .	Washington Street.	1848	25,313	30,600	6
Brastow . . . . .	Medford Street . .	1861	10,019	8,250	2
Bennett . . . . .	Joy Street . . . . .	1868	20,560	15,500	4
Jackson . . . . .	Poplar Street . . . .	1861	11,212	13,550	4
Webster . . . . .	Webster Avenue .	1868	11,050	12,500	4
Union . . . . .	Prospect Street . .	Before 1842	9,360	4,600	1
Harvard . . . . .	Beacon Street. . . .	1851	9,810	3,700	1
Morse . . . . .	Summer Street . .	1869	29,109	31,250	5
Beech Street . .	Beech Street . . . .	Purchased 1872	6,000	6,500	2
Spring Hill . . .	Rear of Harvard St	1850	4,991	2,700	1
Franklin . . . . .	Milk Street . . . .	1846	33,017	18,500	4
Lincoln . . . . .	Elm Street . . . . .	1866	18,000	15,000	4
Cedar Street . .	Cedar Street . . . .	1843		1,600	2
			291,263	\$436,350	76

### PUPILS.

The Assessors report that on the first day of May last there were 3,402 children in the city between the ages of five and fifteen years.

Ward One . . . . .	1,182
Ward Two . . . . .	1,201
Ward Three . . . . .	571
Ward Four . . . . .	448

Whole number of pupils in all the schools in May last 3,469  
 Number over fifteen years of age . . . . . 234

Number between five and fifteen years of age . . .	3,235
Number of pupils in the High School . . .	165
Number of pupils in the Grammar Schools . . .	1,660
Number of pupils in the Primary Schools . . .	1,644

Whole number of pupils in all the schools in Dec.	3,626
Boys . . . . .	1,840
Girls . . . . .	1,786
Number over fifteen years of age . . . . .	236
Number of pupils in the High School . . . . .	193
Boys . . . . .	91
Girls . . . . .	102
Number of pupils in the Grammar Schools . . . . .	1,806
Boys . . . . .	903
Girls . . . . .	903
Number of pupils in the Primary Schools . . . . .	1,627
Boys . . . . .	846
Girls . . . . .	781

The High School contained 5.323 per cent of all the pupils.  
 The Grammar Schools “ 49.807 “ “ “ “ “  
 The Primary Schools “ 44.870 “ “ “ “ “

Average age of pupils in the High School in December . . . . .	16 yrs.	0 mos.
Average age of pupils in the Grammar Schools in December . . . . .	11 “	9 “
Average age of pupils in the Primary Schools in December . . . . .	7 “	3 “
Average age of pupils in all the schools in December . . . . .	9 “	11 “
Average age of pupils in the Grammar and Primary Schools . . . . .	9 “	7 “

TABLE SHOWING THE NUMBER OF PUPILS IN EACH OF THE THIRTEEN CLASSES, IN DECEMBER, THE AVERAGE AGE OF PUPILS IN EACH CLASS, AND THE PER CENT THAT THE NUMBER IN EACH CLASS IS OF THE WHOLE NUMBER.

SCHOOL.	Class.	Boys.	Girls.	Total.	Average Age.	Per cent.
High . . . . .	First,	13	18	31	17 yrs. 9 mos.	.855
	Second,	20	18	38	16 " 9 "	1.048
	Third,	27	25	52	15 " 11 "	1.434
	Fourth,	31	41	72	15 " 0 "	1.986
Grammar . . .	First,	65	74	139	14 " 9 "	3.834
	Second,	85	93	178	13 " 9 "	4.909
	Third,	110	125	235	12 " 9 "	6.481
	Fourth,	175	172	347	12 " 2 "	9.570
	Fifth,	224	217	441	11 " 2 "	12.162
	Sixth,	244	222	466	9 " 9 "	12.851
Primary . . . .	First,	190	188	378	8 " 9 "	10.425
	Second,	221	210	431	7 " 8 "	11.886
	Third,	435	383	818	6 " 4 "	22.559
Total . . .		1840	1786	3626		100.000



## PRIMARY SCHOOLS.

SCHOOLS.	TEACHERS.	Average whole number.	Average attendance.	Per cent of attendance.	Number of tardinesses.	Number of dismissals.
Forster . . . .	Martha H. Pennock . .	38.1	34.2	89.7	97	44
" . . . .	Harriet J. Williams . .	48.1	43.4	91.4	88	48
" . . . .	Ella F. Lears . . . .	51.1	45.2	88.4	245	26
Prescott . . . .	Georgette P. Hall . . .	50.1	45.1	90.2	53	56
" . . . .	Fannie R. Morse . . . .	52.9	47.4	89.5	34	48
" . . . .	Mary A. Rice . . . .	80.0	68.8	86.0	53	11
Edgerly . . . .	Anna L. Prescott . . . .	51.6	47.0	91.1	95	48
" . . . .	Clara M. Bagley . . . .	55.1	49.1	89.1	108	17
*Tufts Street . .	Grace A. T. Wilson . .	59.8	53.8	89.9	25	5
*Luther V. Bell .	Lizzie Appleton . . . .	45.7	42.5	92.8	44	22
† " . . . .	Belle H. Grieves . . . .	37.0	33.5	90.5	26	8
‡ Vinal's Hall . .	Augusta A. Roberts . .	85.7	79.2	92.4	136	55
‡ Hawkins Hall . .	Ada C. Bennett . . . .	49.2	43.9	89.3	210	9
*Prospect Hill . .	Ellen Ledyard . . . .	42.7	39.7	93.4	21	14
* " . . . .	Minnie Towle . . . .	50.7	40.0	80.3	40	30
Brastow . . . .	Annie W. Chickering . .	63.2	54.8	86.7	87	50
Bennett . . . .	Adeline Sanderson . . .	40.6	38.1	93.8	66	21
" . . . .	Mary B. Currier . . . .	57.0	51.0	90.7	52	33
" . . . .	Emma F. Schuh . . . .	58.0	54.0	93.1	73	33
Jackson . . . .	Rebecca F. Woodberry . .	52.8	47.7	90.3	180	28
" . . . .	Lizzie J. Hamilton . . .	56.2	50.7	90.1	277	34
Webster . . . .	Annie L. Savage . . . .	47.0	43.9	93.4	55	32
" . . . .	Nora O'Leary . . . .	43.5	41.7	93.5	68	12
Union . . . .	Fannie W. Kaan . . . .	56.1	52.8	92.3	173	92
Harvard . . . .	Emeline A. Daue . . . .	63.3	58.8	92.9	74	14
Beech Street . .	Mary A. Haley . . . .	53.3	49.6	93.1	197	35
*Spring Hill . .	Louisa M. Wilde . . . .	37.9	33.6	88.3	67	17
Franklin . . . .	Lilian E. Woodward . .	49.1	45.9	93.4	133	30
" . . . .	Hattie A. Hills . . . .	49.0	45.9	93.4	109	37
Lincoln . . . .	P. Jenette Teele . . . .	62.2	55.1	88.5	143	87
Cedar Street . .	Alice Simpson . . . .	50.6	43.3	85.6	89	42
Correction for pupils represented twice .		1637.6 211.9	1479.7 197.9			
Total . . . . .		1425.7	1281.8	89.9	3118	1038

\* Organized in September.

† Organized in October.

‡ Discontinued in June.

Nineteen of the twenty-nine Primary Schools are graded; the remaining ten are mixed schools, and contain pupils in all stages of advancement from their

admission to their promotion to the Grammar Schools. They contain at the present time 1,627 pupils.

	1873.	1874.
Average whole number for the year .	1,346.7	1,425.7
Average attendance           “       “ .	1,205.1	1,281.8
Per cent of attendance       “       “ .	89.5	89.9
Number of tardinesses       “       “ .	3,901.	3,118.
Number of dismissals       “       “ .	1,401.	1,038.

The schools in this department are doing excellent work, and some of them may be regarded as model schools. Since no discrimination is now made in the salaries of primary and grammar school teachers, there is less inducement than formerly for a transfer from the primary to the grammar department, and consequently we have a much larger number of experienced teachers in our primary schools at the present time than at any previous period. A teacher who is eminently successful in a primary school possesses a combination of qualities rarely found in the same individual, and should receive the maximum salary, and be retained, if possible, in this department.

Too great stress cannot be placed upon the importance of correct and thorough instruction in these elementary schools. If the opportunity for laying a good foundation for an education during the years assigned to the primary school is lost, it is forever lost. Would we have the tree symmetrical and beautiful at maturity, it must be carefully pruned and nurtured in the early periods of its growth. Omit the appropriate work of the early spring-time, and we shall surely fail to rejoice in the possession of an abundant harvest when autumn comes.

## GRAMMAR SCHOOLS.

SCHOOLS.	TEACHERS.	Average whole number.	Average attendance.	Per cent of attendance.	Number of tardinesses.	Number of dismissals.
FORSTER . . . .	Geo. R. Bradford . . .	47.0	45.9	97.6	55	35
	Anna M. Snow . . . .	33.5	32.5	97.0	43	33
	Frances M. Guptill . .	41.7	38.5	92.2	45	14
	Edith C. Long . . . .	39.3	37.1	94.2	53	43
	Helen E. Magoun . . .	40.3	37.9	94.1	76	44
PRESCOTT . . . .	G. A. Southworth . . .	52.2	51.4	98.4	7	27
	Harriet N. Sands . . .	37.5	35.6	94.9	26	42
	Nantie Adams . . . .	32.4	30.8	94.8	13	50
	Kate A. Duncan . . . .	42.2	39.4	93.4	15	138
	Anna A. Hall . . . . .	33.5	31.5	94.1	26	79
	M. Ellen Eddy . . . .	46.9	44.4	94.7	12	50
	Nancy W. Proctor . . .	44.3	42.1	95.1	31	54
	Catharine T. Brown . .	39.9	36.9	92.6	22	38
	Clara Taylor . . . . .	51.2	47.2	92.2	52	12
	Augusta M. Cowles . .	50.1	47.6	94.9	50	41
EDGERLY . . . .	Amelia J. Sears . . . .	45.9	42.8	93.2	137	47
	Samuel C. Hunt . . . .	33.2	32.8	98.7	17	16
LUTHER V. BELL	Clara A. Battles . . . .	36.2	34.9	96.5	21	24
	Ellen M. Gooding . . .	35.3	33.5	94.6	31	12
	Lydia L. Gordon . . . .	36.5	34.3	93.9	15	31
	Caroline S. Plimpton . .	44.1	42.9	97.3	26	26
	Abbie C. Hunt . . . . .	52.3	49.1	93.6	77	68
	Fannie A. Wilder . . . .	46.0	43.2	93.9	29	22
	Lydia J. Page . . . . .	51.9	55.0	96.2	43	43
	Augusta A. Roberts . .	46.6	42.4	91.0	21	13
	Ada C. Bennett . . . .	47.0	43.8	93.1	25	16
	Sarah E. Pennock . . .	48.8	46.8	95.9	89	96
BENNETT . . . .	Helen Tincker . . . . .	43.8	41.0	93.6	79	54
JACKSON . . . .	Lizzie W. Shelton . . .	36.9	37.3	94.2	129	104
	Maria Miller . . . . .	39.0	36.7	91.4	152	62
WEBSTER . . . .	Ada L. Sanborn . . . .	40.6	38.5	94.8	93	40
MORSE . . . . .	William B. Allen . . . .	24.0	22.7	94.5	101	97
	Nellie P. Nichols . . .	33.0	31.6	95.8	119	81
BEECH STREET .	Pauline S. Downes . . .	35.6	34.8	97.7	12	30
	Helen W. Chapin . . . .	42.0	38.1	90.6	197	115
	Anna E. Sawyer . . . .	31.8	29.5	92.6	140	90
	Harriet H. Weld . . . .	47.1	43.1	91.5	158	123
	Jane E. Clark . . . . .	38.2	35.8	93.7	76	51
FRANKLIN . . . .	Lizzie C. Howe . . . . .	38.4	36.4	94.8	92	23
	H. P. Makechnie . . . .	17.9	16.7	93.3	72	62
LINCOLN. . . . .	Ella L. Burbank . . . .	32.4	29.7	91.6	84	65
	Georgiana Cutter . . . .	40.0	36.3	90.7	113	47
CEDAR STREET .	Lizzie J. Conwell . . . .	31.3	29.0	92.6	65	22
Correction for pupils represented twice .		1,727.8	1,637.5			
		56.2	51.7			
Total . . . . .		1,671.6	1,575.8	94.3	2,739	2,180

\* Organized in September.

There are forty-three Grammar Schools, — two more than last year. They contain at the present time 1,806 pupils.

Average whole number for the year . . .	1,671.6
Average attendance “ “ . . .	1,575.8
Per cent of attendance “ “ . . .	94.3
Number of tardinesses “ “ . . .	2,739.
Number of dismissals, “ “ . . .	2,180.

The number of tardinesses in the Grammar Schools during the present year is 62 per cent of the number in 1873, and the number of dismissals is 73 per cent of the number during the previous year.

In one building the number of tardinesses during the year, in the Grammar and Primary Schools, is only 28 per cent of the number in 1873. In the same building the number of cases of corporal punishment this year is 60 per cent of the number in 1873.

In one school, with an average whole number of 52 pupils, there have been only seven cases of tardiness during the entire year. One school reports thirteen cases of tardiness; two schools report twelve cases each; and two, fifteen each. In nineteen Grammar Schools the number of tardinesses has been less than the number of pupils.

In two Grammar Schools there has been no corporal punishment during the year. One school reports three cases of punishment; two schools report one case each; three, four cases each; and four, six each. The number of punishments in all the schools,



during the present year, is 86 per cent of the number in 1873.

In these comparisons, no allowance has been made for the increase in the number of pupils.

All the schools in this department are in good condition; many of them are entitled to the highest commendations. Teachers are laboring with skill and earnestness, and are producing satisfactory results.

Much work is required of each class in this grade; but results demonstrate that, with skilful teaching, pupils of average ability, who are constant in attendance and faithful in the preparation of each day's lessons, are fully equal to the requirements. A large percentage of the scholars composing each class were advanced at the close of the school year, and are succeeding well in the classes to which they were promoted.

One hundred pupils received certificates of graduation at the close of the summer term.

At the Prescott School	.	.	.	.	.	.	43
“ Morse	“	.	.	.	.	.	23
“ Forster	“	.	.	.	.	.	18
“ Prospect Hill School	.	.	.	.	.	.	10
“ Lincoln	“	.	.	.	.	.	6
Boys	.	.	.	.	.	.	33
Girls	.	.	.	.	.	.	67

The Grammar Schools occupy an important place in our system of public instruction, and absorb a large share of interest and attention. They contain about one half of our pupils, and from them a large major-



ity of our youth enter at once upon the active duties of life; consequently they demand and receive our best efforts to render them as efficient as possible. Great care is exercised in the selection of teachers, and in the arrangement and apportionment of studies that will be of the highest practical value in all the various avocations of life.

We omit no inducement at our disposal to influence pupils to complete the grammar-school course and receive certificates of graduation. But the allurements of active business and the prospect of immediate pecuniary compensation, though small, induce many to leave school prematurely, and thereby deprive themselves of the advantages that a more thorough and complete education would furnish them for securing more lucrative and desirable positions in life.

It is a cause of constant regret that so many of our youth fail to avail themselves of all the excellent facilities furnished them for obtaining a good education, and to secure the benefits that would accrue were all their advantages improved. We are not unmindful of the fact, however, that to the parents of many of our pupils life is a severe conflict with penury, and that, consequently, the prospect of even small gains from the earnings of their children is a strong inducement for their withdrawal from school at an early age.

Would parents thus circumstanced submit for a while to personal sacrifices, and heroically endure hardship, and absolute want even, that their children

may enter upon the duties of life furnished with all the advantages for success that a good education secures, they would thereby rear for themselves towers of strength and security for future refuge. Their burdens might press heavily upon them for a season, but their reward would be sure; for it rarely occurs that well-trained children fail to appreciate the sacrifices of parents in their behalf, and to reciprocate the kindness received. Bread cast upon the waters will return again in due season, with its full measure of increase.

#### HIGH SCHOOL.

This school has never been in a more prosperous and satisfactory condition than at the present time. Great harmony has prevailed throughout the year. Teachers have been untiring in their devotion to its interests. Pupils have evinced more than an average degree of scholarship; and their deportment, with rare exceptions, has been orderly and courteous.

With a view to a more thorough preparation for college, particularly in the classics, the advantages of the school have been extended to all pupils whose parents declare their intention to send them to college: *provided*, that they have completed the work of the third class in the Grammar School, and have passed an examination satisfactory to the Principal and Sub-Committee of the School, and the Superintendent.

Pupils thus admitted are expected to complete the classical course of the school in five years. They

recite with existing classes, hence no additional teachers are required on their account.

At the option of the Principal, all pupils who are pursuing the classical course are permitted to omit such studies as are not essential to fit them to enter college.

Whole number of different pupils during the year	. 253
Largest number present at one time . . . .	198
Number admitted during the year . . . .	77
Number graduated . . . . .	26
Whole number at the present time . . . .	193
Boys . . . . .	91
Girls . . . . .	102
Number at the present time over 15 years of age	. 153
Number in course preparatory for college . . .	48
In the First Class . . . . .	8
“ “ Second “ . . . . .	9
“ “ Third “ . . . . .	13
“ “ Fourth “ . . . . .	12
“ “ Preparatory College Class . . .	6

The number of pupils that graduated in June last was 40 per cent of the number constituting the class on entering the school in 1870.

We have graduated 30 per cent of all pupils who entered the school from 1853 to 1864 inclusive, and 42.5 per cent of all who entered from 1864 to 1870 inclusive.

Number of the First class on entering the school	. 59
Present Number . . . . .	31
Number of the Second class on entering the school	. 74
Present Number . . . . .	38
Number of the Third class on entering the school	. 83
Present Number . . . . .	52

Number of the Fourth class on entering the school	72
Present Number	72

The number of boys in the school at the present time is 47 per cent of the whole number of pupils, which is a much larger proportion than at any previous time since the school was organized.

Average whole number for the year	167.
Average attendance for the year	164.2
Per cent of attendance for the year	98.3
Number of tardinesses for the year	124.
Number of dismissals for the year	199.

## Twenty-Second Annual Exhibition of the High School,

FRIDAY, JUNE 26, 1874.

### ORDER OF EXERCISES.

MUSIC. Edmands' Band.

- SINGING. — "Wake, Gentle Zephyr," (with Orchestra). *Rossini*  
The Oaks, (with Orchestra). *Verdi*
- SALUTATORY IN LATIN. FRANK AUGUSTINE HOUSTON
- READING. — From "The Taming of the Shrew." CARRIE E. CONANT
- ESSAYS. — Bees and Butterflies. FLORENCE OLIVIA GAUT  
Going to School. ANNIE STORRS GAGE  
Failure. GEORGE FRANKLIN MEAD
- READING. — Scene in an Irish School. *Gerald Griffin*  
CHARLES HENRY DAVIS.
- SINGING. — Spring Song (Trio.) *Dudley Buck*  
"We'll roam through the forest." *Weber*  
"Where yonder mansion rises" (Quartet.)
- READING. — "The Face against the Pane." *T. B. Aldrich*  
ELIZABETH POTTER BROWN.
- READING. — "Mouse Hunting." *Gail Hamilton*  
CHARLOTTE MAYNARD GLINES.
- DECLAMATION. — "Certamen de Achillis armis." *Ovid*  
WOODMAN H. W. TEELE.
- ESSAYS. — Sleep, MARTHA EMERTON LINCOLN  
Species, HARRIET MARSTON WILLOUGHBY  
Cremation, GEORGE BARNES KING



## MUSIC.

## RECESS.

11. SINGING. — Air and Variations, (with Orchestra). *Proch*  
Sextet from "Lucia," (with Orchestra). *Donizetti*
12. DECLAMATION. — Fontenoy. RUFUS HENRY STICKNEY
13. FROM "Le Misanthrope."
- LIZZIE ANN COFFIN, CARRIE SPAULDING MERRILL, LUCY EVELINE PARK.
14. READING. — From "Ivanhoe." *Scott*  
LUCY ALICE RUNEY.
15. READING. — From "Biglow Papers." *Lowell*  
LIZZIE DANA HARDING.
16. PROPHECIES. LUCIA ADELAIDE MANNING
17. SINGING. — "On, on, in path of duty," (Trio), (with Orchestra). *Mozart*  
Potpourri from "Child of the Regiment," (with Orchestra). *Donizetti*
18. READING. — The Curfew-Bell. ALICE ISABEL WAUGH
19. ESSAYS. — Early Impressions. CAROLINE LOVELL WOOD  
Universal Peace, (affirmative) JAMES P. F. KELLY  
Universal Peace, (negative) CHARLES ERNEST DICKERMAN
20. FROM "MUCH ADO ABOUT NOTHING."  
JAMES EVERET DAMON, CHARLES STICKNEY POOR, AND OTHERS.
21. SINGING. — "Come, let us all a Maying-go." *Atterbury*  
"Now the evening hour," (Semi-Chorus), (with Orchestra). *Flotow*
22. VALEDICTORY. FANNIE EDSON DEMMON
23. PRESENTATION OF DIPLOMAS, by the Chairman of the School  
Committee, MAYOR WILLIAM H. FURBER.
24. PARTING HYMN.

## MEMBERS OF THE GRADUATING CLASS.

ELIZABETH POTTER BROWN.  
LIZZIE ANN COFFIN.  
CARRIE ELIZABETH CONANT.  
FANNIE EDSON DEMMON.  
ANNIE STORRS GAGE.  
FLORENCE OLIVIA GAUT.  
CHARLOTTE MAYNARD GLINES.  
LIZZIE DANA HARDING.  
MARTHA EMERTON LINCOLN.  
LUCIA ADELAIDE MANNING.  
CARRIE SPAULDING MERRILL.  
LUCY EVELINE PARK.  
LUCY ALICE RUNEY.

ALICE ISABEL WAUGH.  
HARRIET MARSTON WILLOUGHBY  
CAROLINE LOVELL WOOD.  
JAMES EVERET DAMON.  
CHARLES HENRY DAVIS.  
CHARLES ERNEST DICKERMAN.  
FRANK AUGUSTINE HOUSTON.  
JAMES P. F. KELLY.  
GEORGE BARNES KING.  
GEORGE FRANKLIN MEAD.  
CHARLES STICKNEY POOR.  
RUFUS HENRY STICKNEY.  
WOODMAN H. W. TEELE



The following named pupils were admitted to the High School in September, from the several Grammar Schools: —

FROM PRESCOTT SCHOOL.

Grace A. Preston.	Cora B. Robinson.
Mary L. Woods.	Annie M. Dix.
Fannie K. Young.	Jennie A. Howe.
Florence Stearns.	Jennie E. Darling.
Clara A. Withey.	Della L. Currier.
Isadore E. Taylor.	William A. Lamprey.
Carrie A. Smith.	George S. Smith.
Abbie A. Steele.	Arthur B. Dalton.
Laura C. Gross.	Eddy E. Saben.
Emma L. Mullay.	Edgar P. Sellew.
Lizzie M. Waldron.	George W. Bowers.
Susie S. Harding.	Walter L. Trickey.
Martha J. Worsley.	Edward P. H. Webber.
Emma L. Keyes.	Daniel W. Smith.
Gertrude M. Pollard.	James H. Hopkins.
Sarah C. Bagley.	Fred. L. Cole.
Mary A. Melvin.	Luther H. Huntley.
Minnie E. Ellis.	George L. Meserve.

FORSTER SCHOOL.

S. Lizzie Tuttle.	John C. Dugan.
Addie E. M. Tuttle.	Wm. H. Russell.
Ruia L. Kenneson.	Fred. C. Ayer.
Julia A. Casey.	John H. Cahalan.
Mary L. Shepard.	Wm. F. Phinney.
Maggie A. Harrigan.	Fred. E. Burckes.
Leighton W. Manning.	Fred. L. Cayze.

MORSE SCHOOL.

Mary E. Hughes.	Lizzie Paul.
Sarah L. Hall.	Mary L. Chabot.
Kitty F. Clancy.	Sarah A. Stone.

Margaret Archibald.  
Ida L. Keating.  
Cora G. Daggett.

Jennie B. Howie.  
Victoria A. Dobinson.  
Frank W. Kaan.

#### PROSPECT HILL SCHOOL.

Carrie N. Sanderson. Fred. O. Houghton.  
Cora F. Lewis. Wm. E. Daniels.  
Lillie S. Wyman. Guy F. Wheeler.  
Maggie S. B. Benners. Dexter F. Bennett.  
Ella F. Mitchell. Dana W. Bennett.  
Annie E. McCarty.

#### LINCOLN SCHOOL.

Lizzie L. Smith. Frederic W. Shaw.  
Fannie W. Chapman. John A. Shedd.  
Colin M. Darton.

#### PREPARATORY COLLEGE CLASS.

Annie L. Barber, from Morse School.  
Chas. E. Robinson, “ “ “  
Walter F. Chapin, “ “ “  
Frank T. Howie, “ “ “  
Wm. M. Swallow, “ “ “  
Wm. E. Bradshaw, “ Prospect Hill School.

The following table shows the result of the monthly examinations, and of the annual examination of pupils who were admitted to the High School in September from the several Grammar Schools: —

Number Admitted.	SCHOOL.	Average age.	High School Examination.	Monthly Examinations.	Average of Monthly and High School Examinations.
36	Prescott,	14 yrs. 6 mos.	85.2 pr. ct.	82.0 pr. ct.	83.6 pr. ct.
14	Forster,	14 “ 6 “	82.0 “	88.3 “	85.2 “
12	Morse,	13 “ 11 “	75.8 “	80.8 “	78.3 “
11	Prospect Hill,	15 “ 3 “	78.8 “	71.6 “	75.2 “
5	Lincoln,	15 “	82.5 “	80.6 “	81.6 “

Average age of all the pupils admitted	. 14 yrs. 7 mos.
Average per cent from monthly examinations	. . 82.3
Average per cent from the High School examination,	81.5
Average per cent from monthly and High School examinations	. . . . . 81.9

#### HIGH SCHOOL ASSOCIATION.

This Association was organized in 1864, and incorporated in 1871. All persons who were members of the High School previous to 1862, and all graduates of the school since that time, are eligible to membership.

The object of the Association, as stated in the preamble to its Constitution, is "to promote friendly reunion, to encourage study, to benefit the High School, and to engage in any movement for the welfare of the city becoming the graduates of its highest educational institution."

In pursuance of these objects, the Association has sustained, from time to time, courses of popular lectures and musical concerts, and classes for the study of the languages and natural sciences. It is increasing yearly in numbers and influence, and is favorably regarded in the community as an important agency in the cause of education.

At the annual reunion, in November last, the Association was favored with an interesting and instructive address by Hon. Geo. B. Loring, of Salem.

## SUMMARY OF STATISTICS FOR 1874.

## I. POPULATION AND VALUATION.

Population of the city, U. S. Census, 1870 . . . . .	14,693
Estimated present population . . . . .	19,500
Valuation of the city, May 1, 1874 . . . . .	\$30,824,200.00
Estimated value of School Property . . . . .	\$436,350.00

## II. SCHOOLS.

Number of districts . . . . .	5
Number of schools . . . . .	73
High . . . . .	1
Grammar . . . . .	43
Primary . . . . .	29
Increase for the year . . . . .	6

## III. SCHOOL-HOUSES.

Number of school-houses . . . . .	18
Number of school-rooms . . . . .	76
Number of halls . . . . .	5

## IV. TEACHERS.

Number of teachers . . . . .	82
Male teachers, 8 ; female teachers, 74.	
Increase for the year . . . . .	8
Number of teachers in the High School . . . . .	6
Male teachers, 2 ; female teachers, 4.	
Number of teachers in the Grammar Schools . . . . .	46
Male teachers, 5 ; female teachers, 41.	
Number of teachers in the Primary Schools . . . . .	29
One teacher of Vocal Music.	

## V. PUPILS.

Number of persons in the city between five and fifteen years of age, May 1, 1874 . . . . .	3,402
Number of pupils in all the schools in May last . . . . .	3,469
Number over fifteen years of age . . . . .	234
Number of pupils in all the schools in December . . . . .	3,626
Number over fifteen years of age . . . . .	236

Average whole number for the year . . .	3,264
Average attendance “ “ . . .	3,022
Per cent of attendance “ “ . . .	92.6
Number of tardinesses “ “ . . .	5,981
Number of dismissals “ “ . . .	3,417

## VI. EXPENDITURES.

*By the City Council:*

Extension of Jackson school-yard, \$5,050 00	
Repairs and improvements . . . 9,478 71	
Fuel . . . . . 5,376 60	
Furniture . . . . . 806 44	
Piano for the High School . . . 400 00	
Insurance . . . . . 334 00	
	<hr/>
	\$21,445 75

*By the School Committee:*

Teachers' salaries . . . \$55,990 62	
Superintendent's salary . . . 2,000 00	
Janitors' salaries . . . . . 2,817 11	
Rent . . . . . 718 50	
Water . . . . . 324 72	
Gas . . . . . 342 69	
Writing books . . . . . 532 84	
Books for indigent pupils and teachers' desks . . . . . 626 66	
Printing . . . . . 262 81	
Mats . . . . . 145 05	
Stationery and other school supplies, 987 20	
Miscellaneous . . . . . 511 18	
	<hr/>
	\$65,259 38
Total expenditures	<hr/>
	\$86,705 13

## RECEIPTS :

State school fund . . . . . \$639 00	
Rent of school halls . . . . . 301 00	
Tuition of non-resident pupils . . . 171 25	
Return premium on insurance policies, 361 77	
	<hr/>
Net expenditure,	<hr/>
	\$1,473 94
	<hr/>
	\$85,231 19



## CONCLUSION.

When all the circumstances, adverse as well as propitious, under which teachers and pupils have labored during the year are considered, the results achieved will satisfy reasonable expectations. We therefore cheerfully bestow the merited commendation wherever there has been earnest, persistent endeavor.

“Thy purpose firm is equal to the deed :  
Who does the best his circumstance allows  
Does well, acts nobly ; angels could no more.”

Encouraged by the results of the past, we will gather fresh inspiration for future duties ; avoiding the errors and profiting by the experience of the year just closing, we will hope for more perfect success in the year to come ; stimulated by whatever of good has been accomplished, we will pursue our work with still higher expectations and more exalted aims : for the ideal and possible are yet far in advance of what has been accomplished.

Since no teacher has yet attained to the perfection of his art, and no child, even the most highly favored, was ever educated under circumstances that admitted of no improvement, we have not yet learned the full measure of our pupils' capabilities and what might be accomplished were all the conditions of success completely met.

The work committed to our supervision, when considered in the aggregate, oppresses by its vastness. But for each day's duties the day is given, and if

each separate task is faithfully performed in its allotted time, the labor of the year will be complete. With many misgivings we meet the responsibility of guiding an agency which so largely conduces to mould the character and decide the destiny of the rising generation, but are cheered by the consciousness that we have the co-operation of an intelligent community, whose interest and solicitude are enlisted in our work, and the assistance of a corps of faithful, devoted teachers, many of whom have had long and successful experience, and all of whom are anxious to adopt the best methods and to secure the most valuable results.

We are not exempt from ordinary discouragements, but the times are propitious; our age is one of rapid advance. The appreciation by all classes of the community of the vast importance of education in its various departments, transcends that of any previous period; our methods of instruction—the best that the combined wisdom of the past has been able to devise, but, like all other methods of man's originating, imperfect—are undergoing important modifications; many of the best minds in all leading nations are devoted to the consideration of the great problems of education, and are laboring to improve present systems of instruction and to increase their adaptability to the demands of society.

By means of educational publications, essays, lectures, discussions; the interchange of annual reports, teachers' conventions, superintendents' meetings, and the public press, we become familiar with the best

thoughts and acquainted with the most successful practice of educators of large experience and mature judgment in our own country and Europe. "In the multitude of counsellors there is safety." Where such important interests are involved we deem it wise to adopt well-tested and highly-approved systems of instruction, and to copy after models which are the result of years of patient thought and intelligent practice, rather than to risk a waste of the valuable time of our pupils upon untried and doubtful theories.

No fixed system of instruction can meet the demands of different communities, or of the same community at different periods of time. Fortunately our system of public instruction possesses great flexibility, is easily adjusted to meet the necessities of all sections of our country, and has been found equal to the exigencies of each period of our national existence. It was inaugurated and has ever been fostered as a public necessity. The sentiment so universally entertained by the founders of our free institutions, that "*an intelligent Christianity is the only basis for a permanent free government,*" has received the endorsement of each successive generation of their descendants; hence the church and the school-house have always had a prominent place in every village, and the institutions of learning and religion have been nurtured with jealous care.

The common school of the early days of New England was only the germ of our present perfected system. A summer school for children, and a win-



ter school for those who were engaged in some industrial pursuit the remainder of the year, were the extent of the tuition furnished. The instruction imparted was elementary in character and limited in extent, but it answered the requirements of a people whose habits were simple and whose wants were few. As time advanced, however, the length of the schools was extended and the course of study was increased, until what is regarded the maximum of both is now attained.

The last fifty years have produced great changes in our social condition. The extensive use of machinery in the mechanic arts, the minute division of labor, and other causes have abolished the apprentice system so generally adopted throughout New England in former years, — a system which had its origin in the universally accepted principle that “every boy should be put in the way of maintaining himself in honest independence.”

Froude says that formerly in Old England it was thought that “the Ten Commandments and a handicraft made a good and wholesome equipment to commence life with.” To these our fathers added the elementary education of their common schools, and, thus equipped, went forth and accomplished what has placed New England in the front rank of intelligent and thriving communities.

Since the general law, “In the sweat of thy face shalt thou eat bread,” is still universal in its application, the necessity exists as formerly for skilled labor and for special preparation for carrying forward

successfully the various departments of industry; and communities are looking to the schools to supply, in part at least, what was formerly secured by the apprentice system. Industrial Schools and Schools of Technology are being established, and many educators are carefully considering the practicability of introducing technical and industrial training into our public schools. We cannot foresee what future progress may develop in this direction; but the general law of demand and supply will doubtless find a fulfilment here. For the present, at least, we think that the education of our public schools must be mainly literary and general.

Every person who aims to be an intelligent citizen should possess an accurate general knowledge of many subjects, and minute and exact knowledge of his own special department. To impart this accurate, general knowledge is the appropriate work of the public schools; and when the period arrives for the pupil to select his pursuit for life, he must seek in technical or industrial schools that specific knowledge which will render him proficient in his chosen sphere of labor.

As those from whom we derived our education had no accurate conception of what would be demanded of us, so we can form but an imperfect idea of what will be required of those whom we are educating, or what will be their pursuit in life: hence our aim should be to lay such a foundation as will be adapted to any superstructure and to impart such information as will be valuable and essential in any avocation.



If our youth, with their native, inherited aptness and versatility, can go forth from our instruction well grounded in the elements of learning as taught in our public schools, with minds strengthened and quickened by study, with an ardent love for knowledge, and above all, with unsullied characters and noble aspirations, we need entertain but little anxiety concerning their success in any congenial department of industry.

With grateful acknowledgments to you, gentlemen, for your many kindnesses to me personally, and for the encouragements received from you in the performance of my duties, this report is respectfully submitted.

J. H. DAVIS,  
*Supt. of Public Schools.*

DECEMBER 31, 1874.

## LUTHER V. BELL SCHOOL-HOUSE.

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THIS commodious and substantial building, located on Vinal Avenue, was formally dedicated June 25.

The exercises commenced with singing by the pupils of Prospect Hill Grammar School, under the direction of Mr. Hadley, teacher of vocal music in the public schools.

Prayer was offered by Rev. Henry H. Barber.

Alderman E. A. Curtis, Chairman of the Committee on Public Property, made a brief statement relative to the construction and cost of the building, and delivered the keys to His Honor, Mayor Wm. H. Furber.

### ADDRESS OF MAYOR FURBER.

*Mr. Chairman of the Building Committee:*—In accepting these keys, permit me, in behalf of the city government, to tender to you and your associates their sincere thanks for the thorough and perfect manner in which you have performed the duties assigned you. You, sir, have watched with care and anxiety the work from the commencement of the foundation to the finishing touch of the builder. That you have faithfully and diligently labored, this elegant and substantial building bears abundant and convincing proof. And, sir, as you may witness, from year to year, the youth of our city issuing from these halls, with minds improved and well-trained, to become valued citizens, may you feel fully compensated for the labor here bestowed. Allow me, also, to convey through you to the architect and builders the thanks of the government for the faithful manner in which they have executed the work which devolved upon them.

*Mr. Chairman of the District Committee:*—Having carefully examined this structure and found it complete in all its parts, with cheerful and healthful accommodations for those for whose use it is intended, the same has been accepted by the city. And now, in behalf of the School Board, I transfer to your keeping this valued and important trust,—another temple of learning reflecting the profuse liberality of our citizens in the cause of education, to which we now dedicate it. Years of experience have convinced us that in your hands this gift of the people, and the interests of the thousands who will come to these halls for instruction, will not suffer, but will receive your watchful care.

And now, Mr. Chairman, I deliver to you these keys, with the hope that the highest anticipations of all interested in this work will be fully realized.

Rev. Geo. W. Durell, as Chairman of the District Committee, presided on the occasion and received the keys from the Mayor and transferred them to Samuel C. Hunt, Esq., Principal of the School.

#### REMARKS OF REV. MR. DURELL.

As the representative of the people of this district, I have great pleasure in receiving from you, sir, the honored Mayor of our city, these emblems of an important trust. I can never forget the marked interest you have shown from the first, not only in the plans for this house, but also in the selection of the most suitable place for the erection of an edifice, which, from its costliness, must be permanent. We are under great obligations to you and your associates for the unwearied care you have manifested in all matters connected with the work of building. This substantial, beautiful structure fitly symbolizes the intelligent zeal and pride of the governor and rulers of our city in all that pertains to its welfare or honor, and it will stand as a monument of your

thoughtfulness for the best interests of our people now, and of all those who shall come after us.

But the pleasure of this occasion is sadly diminished by the absence of one of my associates on this local committee. To the sense of loss to the city is added the feeling of deep personal bereavement by the death of the Rev. Mr. Lowe, the accomplished scholar, the kind, genial, faithful friend.

To you, Mr. Hunt, as the master of this school, I now give these keys. They must seem to you like a formal confirmation of the great trust you have so long held in our midst, the daily care of the dearest treasures in all our homes. The growing importance of this charge may be seen in the need of such a building as this, and in the fact that you are at the head of schools which number together thirteen hundred children. Permit me here to recognize the zeal, thoroughness, and general ability for which you are distinguished as a teacher.

#### REMARKS OF MR. HUNT.

*Mr. Chairman:*—It is with mingled emotions that I accept from you, sir, these keys, as a badge of my office of Principal of the Luther V. Bell School. After eight years of service within the classic but dilapidated walls of the Prospect Hill School-house, it seems but a hard-won mead to pass to the elegant rooms and complete accessories of the "Luther V. Bell"; yet it is not without fear that I assume the trust,—fear, lest with the improved facilities shall come increased demands from committee and people, and I may be found wanting. But, sir, this occasion is somewhat unique: it is seldom that a master may shirk the task of a reply at this point in the ceremony of dedication, and throw the burden of his answer upon younger and more acceptable representatives. I take pleasure in introducing to you and the audience the pupils of the first class in the Prospect Hill Grammar School.



The audience united with the school in singing the following

DEDICATORY ODE.

WRITTEN FOR THE OCCASION BY EDWARD A. KELLEY, ESQ.

To-day another jewel lies  
 Within the sacred crown of lore ;  
 Midst older sisters did it rise,  
 An honor to a needful store.

Beneath the shadow of a hill  
 With deep historic fame replete,  
 This latest gem may nestle still, —  
 The battle-ground for friendly feet.

Favored of fortune ! e'en the act  
 That told abroad thy happy birth,  
 Gave thee a name to live, in fact,  
 And recognized another's worth.

Belle of the vale, in name and deed,  
 To thee, to-day, our hearts go out ;  
 We bid thee now a warm God-speed !  
 Scatter sound learning all about.

May those who teach, themselves be taught  
 By Him who is the "perfect way,"  
 And those to whom the truth is brought  
 Be quick to honor and obey.

May kindly actions, words of cheer,  
 Like incense from the altars old,  
 Send grateful fragrance far and near,  
 More precious than renown or gold.

As year by year, still rolling on,  
 Withdraws the veil that lies before,  
 May battles here be nobly won,  
 And harvests rich for all in store.

The class introduced by Mr. Hunt entertained the audience with the usual interesting graduating exercises.



Brief addresses were made by Alderman Clark Bennett, Oren S. Knapp, Esq., former member of the School Board, Rev. Chas. Smith, and others.

#### DESCRIPTION OF THE BUILDING.

This building, in size and plan, is substantially the same as the Prescott School-house. It is sixty-eight by eighty-six feet on the ground, and is three stories high.

Each of the first and second stories contains four school-rooms, and there are two school-rooms and an exhibition-hall in the third story. The school-rooms are thirty by thirty-two feet, and twelve feet eight inches high, in the clear. The exhibition-hall is forty-one by sixty-five feet, and seventeen feet in height.

There are eighteen dressing-rooms, ten of which communicate directly with the school-rooms; the remaining eight are upon the middle stair-landings. The entrance-halls in the first and second stories are twenty-one by twenty-five feet each, and the hall in the third story is eleven by twenty-five feet. The stairways are spacious, well lighted, and of easy grade.

The basement, which is eleven feet high, contains rooms for the janitor's family, rooms for the furnaces and fuel, and play-rooms for the pupils.

The front entrance is on Vinal Avenue, and there are two entrances to the basement in the rear of the building.

The walls and partitions are constructed of bricks. The exterior walls are faced with pressed bricks. The base and belt courses, and the window caps and sills are granite. The inside finish is ash and walnut. The floors and stairs are hard pine. The halls in each story are furnished with sinks, and supplied with Mystic water.

The plans and specifications were furnished by Lyman Underwood, Esq., of Boston. The contractors were John S. Tuttle for the masonry, and G. T. Burnham & Co. for the carpentry. The building is heated by four No. 24 Peerless

furnaces, furnished by Charles Holmes, Esq. The furniture for teachers and pupils was manufactured by W. G. Shattuck, Esq.

The building was commenced in June, 1873, and completed in June, 1874; it was constructed under the supervision of the Committee on Public Property, and is complete in all its appointments. It was first occupied by the schools Sept. 7.

Cost of lot, 22,262 feet . . . . .	\$9,279 80
“ “ grading . . . . .	589 00
“ “ building, heating apparatus, out-house and fence . . . . .	47,608 91
“ “ school furniture and settees for the hall, . . . . .	3,122 29
Total cost . . . . .	<u>\$60,600 00</u>

Dr. Luther V. Bell was a member of the Somerville School Committee from 1843 to 1847. In 1851 a school-building was constructed on Cherry Street, and in honor of Dr. Bell, was named the “Bell Primary School-house.” In April, 1871, that building was moved to Beacon Street, and placed upon the site of the Harvard Primary School-house, which was burnt in March of that year, and received the name of the building for which it was substituted. In consequence of these changes the committee adopted the following: —

*Whereas*, The School-house known as the Bell Primary School-house has been moved to a new locality, and the name thereof changed; *and whereas*, it is the desire of this School Board to perpetuate the memory of Dr. Luther V. Bell, a citizen so eminent in his profession, and so strong in his attachment to the interests of the schools; therefore,

*Resolved*, That this Board recommend that the name of Dr. Bell be given to the next large School-building erected in Somerville.

In accordance with this recommendation, the honored name of Luther V. Bell has been given to the new edifice.

The following items were collected, mainly from a discourse on the life and character of Dr. Bell, read by Dr. Ray to the Association of Superintendents of North American Institutions for the Insane, at its annual meeting in Providence, R. I., June 10, 1862.

We think they will be of sufficient interest to our citizens, many of whom were personally acquainted with Dr. Bell, to warrant their insertion in this connection.

LUTHER V. BELL, M. D., LL. D., was born in Chester, N. H., Dec. 20, 1806. Before he had finished his seventeenth year he graduated at Bowdoin College, with a reputation unsullied by any of those follies which students are so apt to mistake for the fruits of spirit and courage. Notwithstanding his youth, he held a respectable rank in a class of considerably more than the average ability. He commenced the study of medicine with his brother, in the city of New York, and received his medical degree from the Hanover Medical School.

Having completed his courses and taken his degree, he was induced by his friends, who thought him too young to assume the responsibilities of a physician, to spend a year or more in a counting-room.

He commenced the practice of medicine in New York, but was led by family reasons to choose for his field of labor his native place, Chester, which he subsequently changed for Derry.

He soon achieved distinction, particularly in surgery, and early acquired a reputation as a writer on medical subjects. For two years in succession, while still under thirty years of age, he won the Cambridge-Boylston prize medal by medical essays of such merit that they still form a part of the standard medical literature of the country.



About this time the success of the State Lunatic Hospital in Worcester attracted the attention of the philanthropic in New Hampshire to the necessity of a similar institution in their own State, and strong efforts were made to induce the legislature to undertake its establishment. Dr. Bell devoted himself with great zeal to the promotion of this enterprise. Twice he was elected to the legislature for the defence of his favorite plan. The ability he displayed in the discussion of the subject, and his elaborate report as chairman of a committee on the projected institution, made a decidedly favorable impression on the public mind, and led to his election to the superintendency of McLean Asylum.

He entered upon his duties in January, 1837, and for nearly twenty years conducted the institution with rare ability and success. His talents and manners were well calculated to dissipate prejudice, to win the favor of the thinking classes, and to impress upon all the conviction that he was fully adequate to the utmost requirements of his place. The parent, the child, the guardian, left in his charge the dearest object of their affections, well satisfied that they could not have made a better choice.

In 1844 the Trustees of the Butler Hospital, at Providence, R. I., then about to establish an institution for the insane, procured his services to visit Europe and ascertain what improvements had been made in the construction and ventilation of Insane Hospitals. During his absence of three months only, he visited the principal hospitals of England and France, and on his return to New York he had already completed plans for the construction of a hospital which, for size and adaptation, has no superior in this country.

For five years he was President of the Association of Superintendents of North American Institutions for the Insane. In 1850 he was chosen a member of the Executive Council of the State. In 1852 he was a member of the Baltimore Convention, which nominated Gen. Scott for the Presidency. In the same year he was a candidate for Congress. In 1853 he was appointed one of a Board of Commissioners for examining convicts in the Penitentiary who presented indications of mental disease. In 1856 he was a candidate for the office of Governor. In 1857 he was elected President of the Massachusetts Medical Society.

In 1856, after a service of nearly twenty years, he retired from the McLean Asylum, in consequence of failing health, and thence-

forth resided in Charlestown. Much of his time after his retirement from the Asylum was given to consultations with other physicians, and to attendance on trials in courts of justice as a medical expert.

In the spring of 1861 a new scene opened, in which this feeble invalid was destined, under the spur of a noble sentiment, to encounter exposure, privations, and toil, unknown to his most vigorous years. In that great crisis of our affairs, which was to try men's souls as they were never tried before, he needed no second thought to determine what part he should act. By nature and by education, by principle and by feeling, a friend to law and order and a lover of his country, he sprung at once to the support of the Government without caring to see who stood beside him.

He felt that in the impending conflict no man should be idle. No pressure of duty kept him at home; he was conscious of possessing talents and skill that would be of service to the cause, and his example would have its weight at a time when men, just recovering from surprise and stupor, were earnestly watching the movements of one another. Abandoning the little circle that had become inexpressibly dear to his affections, and renouncing all the little appliances of comfort which seemed indispensable to his invalid condition, he offered his services to the Governor of the State on the 10th of June, received his commission as Surgeon of the 11th Regiment of Massachusetts Volunteers, and left with it for Washington on the 30th of the same month. His regiment was soon removed to the Virginia side of the river, and took its full share in the disastrous battle of Bull Run. He established himself in Sudley Church, and from 2 to 7 P. M. was engaged in performing operations. After encountering many perils and hair-breadth escapes, he reached Washington the next day, with a disorganized, panic-stricken host of fugitives. His regiment was now ordered to Maryland and made a part of Gen. Hooker's Division. Shortly after he was appointed Brigade Surgeon, and finally Division Surgeon.

Up to the last week of his life his health and power of endurance steadily improved under the hardships and privations of the camp; and yet he took them as they came, making no attempt to favor himself by unusual privileges. During his whole period of service in Maryland he slept out of camp but one night. "Seven nights," he says, in a letter to a friend, "I slept beneath the can-



opy of heaven ; twice I was on horseback, or on foot, behind my marching regiment, over twenty-four hours in succession. I have had but one sick day and have been cheerful and happy." Within a month of his death he wrote, "I never had the beginning of a regret at my decision to devote what may be left of life and ability to the great cause. I have, as you know, four motherless children. Painful as it is to leave such a charge, even in the worthiest hands, I have been forced to it by the reflection that the great issue under the stern arbitrament of arms is, whether or not our children are to have a country."

On the morning of February 5, 1862, he was awakened by intense pains in his chest. In the course of a day or two dyspnœa came on, and at the end of six days death ensued. In the midst of the severest pains he continued calm and self-possessed, saw clearly the inevitable result, said he had no messages to send, no orders to give, for he had provided for everything.

Thus, quietly and without ostentation, a life devoted to the cause of humanity and science was beautifully finished by a death in the service of his country.

ANNUAL REPORT

OF

SOMERVILLE MYSTIC WATER BOARD,

1874.

IN BOARD OF MAYOR AND ALDERMEN,  
February 22, 1875.

Accepted. Referred to the Committee on Printing with instructions to print the same in the Annual Report, also to print separate as many copies as the Water Board may direct.

Sent down for concurrence.

CHARLES E. GILMAN, *Clerk.*

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IN COMMON COUNCIL, February 24, 1875.

Concurred in.

SOLOMON DAVIS, *Clerk.*

IN WATER BOARD,

SOMERVILLE, Jan. 29, 1875.

*To the City Council:—*

In compliance with the provisions of an ordinance of the city, the Somerville Mystic Water Board has the honor to submit herewith their

## ANNUAL REPORT,

Presenting a statement in detail of the quantity of pipe laid, and the number of fire hydrants and stop gates set during the past year, as also a statement of the general progress and condition of the Works at the present time.

By authority granted to the Water Board by the City Council in 1873, a new 12-inch main pipe has been constructed 2,596 feet in length, connecting directly with the Reservoir on Walnut Hill, and passing through Packard Street to Broadway, where it intersects with a 10-inch pipe running through Broadway to Holland Street, and connecting with the 10-inch pipe previously laid in that street. This is the most important addition which has been made to the Works, and the westerly portion of the city is now provided with the means of an abundant supply of water, both for domestic purposes and for the extinguishment of fires. In fact, since the construction of the above referred to 12-inch pipe, the whole city, so far as its pipe area of supply mains is concerned, is very thoroughly provided for, the

following being the number and size of the branches connected with the Charlestown Works, viz. —

One 12-inch in Packard Street, direct from Reservoir.

"	12	"	junction Broadway and Cedar Street, from	30-in. main.
"	12	"	" " Central	" " 30 " "
"	8	"	" Pearl and Myrtle	" " 30 " "
Two	6	"	" " Walnut	" " 30 " "
One	6	"	" " Myrtle	" " 30 " "
Two	6	"	" " Cross	" " 30 " "
One	6	"	" " Marshall	" " 30 " "
"	6	"	" Medford and School	" " 30 " "
"	6	"	" " Central	" " 30 " "
"	4	"	Broadway, near Temple	" " 24 " "
"	8	"	junction Broadway and Medford	" " 24 " "
"	4	"	Heath St., bet. West and Bond	" " 24 " "
"	8	"	at Charlestown line, near R. R. bridge	" 24 " "
"	8	"	" " Washington St.	" 8 " pipe.

Making an aggregate of 791.6 square inches, more than equal to the capacity of a 30-inch pipe. The advantage of having so many sources of supply in case of accident is obvious.

Until recently no fears have been entertained as to the adequacy of Mystic Pond, with its present storage basin, to supply an abundance of water to the several cities and towns furnished therefrom. On account of the unprecedented drought of the past year, the water in the pond is very low, being over two feet below the top of the conduit, and making it necessary for the Charlestown Water Board to erect temporary pumping works for the purpose of keeping the conduit supplied. This temporary work is now being constructed with all possible dispatch, and no fears need be entertained as to a supply, until such



time as a natural relief from this threatened water famine shall come.

During the severe cold weather of the month of January, the increased consumption, or rather the waste of water, amounted to about 4,000,000 gallons daily, and at this time, owing to the increased velocity in the mains, the head was reduced in the high localities in our city to such an extent as to entirely cut off the supply: eventually something must be done to remedy this.

The city of Boston has legislative authority to increase the storage capacity of the Mystic Pond, and the Charlestown Water Board is authorized to procure the conveyance of bonds for such land as may be designated by the engineer for the purpose. Earnest consideration is being given to the subject, and in all probability early decisive action will be taken.

The sanitary qualities of the Mystic water have also received the attention of the Boston authorities. A medical commission of three physicians, appointed by an order of the City Council to investigate as to the sanitary condition of the Sudbury, Mystic, Shawshine, and Charles Rivers, have made a report from which the following paragraph relating to the Mystic is quoted, viz. —

“Thus from the dense population, the sewage, and from the tanneries is a large amount of decomposing animal matter turned into the Abajouna and the Horn Pond branch, to be conveyed, not all but inevitably some of it, to Mystic Pond; and judging

from the past, the amount of pollution will increase from year to year, and with it the difficulty of the problem of purification. To leave matters as they are is to confidently expect in time a degree of contamination which will make itself felt in East Boston, Charlestown, Chelsea, and Somerville, if it be not already felt in these communities. It may be that their statistics of mortality of to-day compare favorably with those of the well-water period, but it is questionable if the figures of the future will compare favorably with those of to-day. Of course the only remedy is to keep all this filth out by perfect sewerage."

Probably whenever the storage capacity of the pond is increased, some provision will be made to drain the territory referred to by the medical commission as furnishing the objectionable polluting matter; yet the Board, in view of the possible serious results which might soon occur to the inhabitants using the water, would recommend that such action be taken by the city council as, in their opinion, may be necessary to urge upon the city of Boston immediate steps towards the commencement and early completion of the necessary sewer.

Since the last Annual Report of the Board, notice has been received from I. P. Converse, Esq., the attorney having in charge the case of Alexander Campbell against the City of Somerville, — the same being a claim for 25 per cent of back pay, and for extra work done under his contract for trenching for water pipes, — that the suit has been decided by

the judges of the Supreme Court in favor of the city. This decision materially reduces the loss sustained by the city in the Brooks case.

Ten stand-pipes for the supply of watering carts have been set the past season, at the request of the Committee of the City Council on watering streets. They have worked satisfactorily, and the Board recommend that others be set wherever there is a call for watering streets, the use of fire hydrants for the purpose being objectionable, on account of the liability of their being put out of order by inexperienced persons, and thus becoming useless when required for fire purposes.

The total amount of distribution pipe laid in the streets of the city to December 31, 1874, is 41 miles 501.4 feet; number of fire hydrants, 226; number of stop gates, 291, of which 3 miles, 1009 feet of pipe, 22 post hydrants, 2 Lowry hydrants and 41 stop gates have been laid and set during the year 1874. On account of change in grades of streets, 4,905 feet of distribution pipe have been relaid, 9 hydrants reset, and 53 service pipes lowered; 364 new service pipes have been laid.

Water is now supplied to 2586 dwelling-houses, 3426 families, 66 stores and shops, 22 manufactories, 267 stables, the City Hall, school-houses, engine and hose houses, several churches, and other public buildings, — a gain of 325 dwelling-houses, 431 families, 9 stores, one manufactory, and 39 stables for the year.

The water fixtures in use are designated as follows: 3310 sinks, 424 taps, 565 bath-tubs, 674 wash-

hand basins, 609 pans, 429 self-acting and 177 hopper water closets, 88 private hydrants, 23 urinals, 10 fountains, and 391 hand-hose.

The general supervision of the work has been under the charge of the superintendent, Mr. Benjamin Almy, whose ability and faithfulness in the performance of his duties merits and receives the full confidence of the Board. His competent and obliging assistant, Mr. Joshua E. Eldridge, has also performed his duties in a very satisfactory manner.

The engineering has been under the direction of Mr. Charles D. Elliott, the city engineer.

You are referred to the report of the superintendent, herewith presented, containing a tabular statement of the amount of pipe laid, and other work performed during the year, as also an inventory of stock and tools on hand at the workshop.

The cost of the Works is as follows:—

Value December 31st, 1873	-	-	-	\$273,378 02
Expended during the year 1874, including				
stock now on hand	-	-	-	34,294 06
Total	-	-	-	<hr/> \$307,672 08

The Board desires to acknowledge the friendly and cordial manner in which all inquiries for information, etc., have been met by the officers and members of the Charlestown Water Board.

C. E. RYMES.  
THOS. CUNNINGHAM.  
HORACE HASKINS.  
ROBERT A. VINAL.  
CUTLER DOWNER.



**STATEMENT SHOWING TOTAL LENGTH OF DISTRIBUTION WATER PIPES  
LAID IN SOMERVILLE, TO JANUARY 1, 1875.**

	Feet. 12 inch.	Feet. 10 inch.	Feet. 8 inch.	Feet. 6 inch.	Feet. 4 inch.	Feet. 3 inch.	Feet. 2 inch.	Tot. Miles & Ft.	
								Miles.	Feet.
Laid previous to 1874	5,946.6	3,478.	25,549.6	80,333.7	76,654.	6,218.5	1,747.	37	4,572.4
Laid in 1874 . . . .	2,596.	663.	2,723.	5,784.	4,004.	1,071.		3	1,009.
<b>TOTAL . . . . .</b>	<b>8,542.6</b>	<b>4,144.</b>	<b>28,277.6</b>	<b>86,122.7</b>	<b>80,658.</b>	<b>7,289.5</b>	<b>1,747.</b>	<b>41</b>	<b>301.4</b>

TO THE SOMERVILLE MYSTIC WATER BOARD:

*Gentlemen,*—My Annual Report as Superintendent of the Somerville Water Works is respectfully submitted, comprising all work performed under my care during the past year, and also inventory of materials on hand December 31, 1874.

STREET.	PIPE LAID IN 1874.						Gates set 1874.					Post hydrants set 1874.	Low y hy- drants set 74.	Hydr. nt pipe.	
	Size of Pipe laid.														
	Feet. 12 in.	Feet. 10 in.	Feet. 8 in.	Feet. 6 in.	Feet. 4 in.	Feet. 3 in.	12 in.	10 in.	8 in.	6 in.	4 in.				3 in.
Abbott . . . . .					786					2		1			7.0
Autumn . . . . .						298									
Adrian . . . . .				136									1		5.5
Beach . . . . .											1				
Bow . . . . .									1						
Broadway . . . . .		666	1,086				2	2					3		35.3
Beacon . . . . .				543					1				1		9.0
Chandler . . . . .					170										
Clarendon . . . . .				322						1					
Cross . . . . .					300						1				
Chester . . . . .					35										
Canal . . . . .					257								1		4.0
Cameron . . . . .				513									1		9.5
Dana . . . . .				237							1				
Dane Court . . . . .					575						1		1		4.0
Elm . . . . .										1					
Everett Avenue . . . . .					192						1				
Florence, New . . . . .				397						1	1				
Fitchburg . . . . .													1		7.0
Gilman . . . . .				703	102					1			1		6.5
Hadley's Court . . . . .					35	110									
Hawkins Court . . . . .					396	11					1				
Jenny Lind Avenue . . . . .											1				
Kent . . . . .				371						1					
Kent Court . . . . .					283								1		3.0
Mt Pleasant Ave. . . . .					158						1				
Maple Avenue . . . . .						130									
Munroe . . . . .				153						1					
Medford . . . . .			1,642						2	1	1		4		43.0
Milk . . . . .											1		3		15.3
Marion . . . . .				265							1				
Mt. Vernon . . . . .											1				
Oliver . . . . .				745							1		1		7.4
Oxford . . . . .					170										
Otis . . . . .												1			
Packard . . . . .	2,596						2					1			
Pinckney, New . . . . .				348							1				
Pembroke . . . . .					317							1			
Professor's Row . . . . .				146						1					
Smith Avenue . . . . .						266						1			
School . . . . .				384											
Tenny . . . . .													1		5.0
Tiger Court . . . . .					228							1			
Union Square . . . . .														2	
Villa Avenue . . . . .						256									
Walnut . . . . .				521									1		5.5
Total . . . . .	2,596	666	2,723	5,784	4,004	1,071	2	2	4	14	17	2	22	2	167.0



PIPE RELAID ON ACCOUNT OF CHANGE OF STREET GRADE, AND  
HYDRANTS MOVED ON ACCOUNT OF SAME.

			No. of Hydrants.
Vernon Street,	650 feet 4 in.		
Mt. Vernon “	175 “ 6 “		
Cedar “	375 “ 6 “		
Glen “	139 “ 6 “		
Dana “	161 “ 4 “		
Boston “	70 “ 6 “		
Adams “	360 “ 4 “		
Milk “	1450 “ 8 “		
	and 1525 “ 6 “		6
Everett Avenue . . . . .			1
Bonair Street . . . . .			1
Washington Street . . . . .			1

Corner of Washington and Franklin Streets, flush hydrants replaced by post hydrants, and also the same at corner of Glen and Flint Streets; hydrant at junction of Union Square and Bow Street moved to Bow Street and blow-off put into sewer from hydrant branch on Milk Street, and also blow-off put into sewer in Medford Street, east of Grand Junction R. R., and one in Packard Street at Culvert; one hydrant replaced at corner Washington and Merriam Streets broken by team; repaired six leaks on pipe laid in 1873, and four on pipe laid previous to 1870, and thirty-one on work guaranteed by Patent Water and Gas Pipe Co., and charged to them as per contract, amounting to \$231.25.

MATERIALS ON HAND AT COST.

HYDRANTS.

5-3 Nozzle . . . . .	\$385 00	
2-2 “ . . . . .	108 00	
5 Out of repair . . . . .	200 00	
	<hr/>	693 00
<i>Amount carried forward . . . . .</i>		<hr/> \$693 00

*Amount brought forward* . . . \$693 00

## GATES.

1 10 inch . . . .	\$60 00
7 6 " . . . .	238 00
9 4 " . . . .	189 00
2 3 " . . . .	32 00
18 Gate frames and covers .	207 00
	<hr/>
	726 00

## CAST IRON BRANCHES, NOT LINED.

3 single, 6 on 8 . . . .	14 25
1 double, 6 " 6 . . . .	3 50
8 single, 6 " 6 . . . .	26 40
1 " 4 " 8 . . . .	4 50
7 " 4 " 6 . . . .	22 75
8 " 4 " 4 . . . .	17 28
2 double, 4 " 6 . . . .	7 00
5 " 4 " 4 . . . .	15 00
	<hr/>
	110 68
	<hr/>
	\$1,529 68

## CAST IRON BRANCHES, LINED.

1 double 6 on 8 . . . .	5 34
2 " 4 " 6 . . . .	8 75
1 " 4 " 4 . . . .	3 75
2 single 4 " 8 . . . .	11 00
6 " 4 " 6 . . . .	24 00
1 " 4 " 4 . . . .	3 00
	<hr/>
	55 84

## SHEET IRON BRANCHES, NOT LINED.

1 double 4 on 6 . . . .	2 50
1 single 3 " 3 . . . .	1 00
	<hr/>
	3 50

*Amount carried forward* . . . \$1,589 02

*Amount brought forward . . . \$1,589 02*

SHEET IRON BRANCHES, LINED.

1	double	6 on 6 .	.	.	\$3 60	
9	"	4 " 6 .	.	.	21 60	
5	"	4 " 4 .	.	.	12 00	
2	single	4 " 8 .	.	.	4 50	
2	"	6 " 6 .	.	.	3 60	
1	"	4 " 6 .	.	.	1 60	
						<hr/>
						46 90
						<hr/>
						\$1,635 92

PIPE LINED.

12 in.	32 feet, at \$1.33	.	.	42 56	
10 "	70 " 1.10	.	.	77 00	
8 "	114 " .82	.	.	93 48	
6 "	260 " .60	.	.	156 00	
4 "	256 " .40	.	.	102 40	
3 "	115 " .31	.	.	35 65	
12 feet, 6 in.	Cast Iron	.	.	10 50	
					<hr/>
					517 59

PIPE NOT LINED.

8 in.	196 feet, at 61 cts.	.	.	119 56	
6 "	882 " 45 "	.	.	396 90	
4 "	154 " 30 "	.	.	46 20	
3 "	7 " 23 "	.	.	1 61	
					<hr/>
					564 27

IRON ON HAND.

For 6 inch pipe	3679 lbs. at 6 cts.	220 74	
" 4 "	3408 " 6 "	204 48	
" sleeves	200 " 6 "	12 00	
14-10 in. sleeves	made up 29 cts.	4 00	
20-8 "	" " 24 "	4 80	
			<hr/>
			446 08

*Amount carried forward . . . \$3,163 86*

*Amount brought forward . . . \$3,163 86*

SUNDRY MATERIALS.

366 feet of Plank, at 3 cts. . .	\$10 98	
730 feet of Joist, at 3 cts. . .	21 90	
$\frac{1}{2}$ Ton Coal . . .	4 50	
21 bbls. Cement, at \$1.80 . .	37 80	
2 Loads Sand . . .	2 60	
100 lbs. White Lead . . .	10 00	
50 lbs. Winding Rope . . .	9 50	
325 lbs. Rivets, at 14 cts. . .	45 50	
20 lbs. Oakum, at 10 cts. . .	2 00	
30 yards Cloth . . .	4 50	
1 piece Enamelled Cloth . . .	7 20	
5 lbs. Nails . . .	25	
2 gallons Lard Oil . . .	2 50	
110 feet Lumber . . .	3 75	
6 Gate Covers . . .	11 25	
1 gallon Naphtha . . .	40	
1 Coil Safety Fuse . . .	50	
Hydrant Valves and Rods . .	8 00	
	<hr/>	183 13
Total value of material on hand . .		<hr/> \$3,346 99

INVENTORY OF TOOLS FOR WATER WORKS.

1 Lining Stand and Fixtures . .	\$40 00	
1 Punching Machine . . .	287 00	
1 Rolling Machine . . .	250 00	
6 Mandrils . . .	110 12	
2 Mandril Frames . . .	20 00	
4 Sets Rollers and Frames . .	57 88	
6 Pair Pipe Clamps . . .	18 00	
6 " Rings . . .	10 00	
12 Rivet Sets . . .	5 00	
	<hr/>	
<i>Amount carried forward . .</i>	<i>\$798 00</i>	

<i>Amount brought forward</i>	.	\$798 00
1 Wire Gauge . . . . .		1 50
6 Cold Chisels . . . . .		2 50
8 Hammers . . . . .		6 50
7 Mallets . . . . .		1 75
4 pair Snips . . . . .		12 00
4 Oil Cans . . . . .		5 00
10 Lanterns . . . . .		10 00
1 Tackle and Derrick . . . . .		10 00
1 Hand Hose . . . . .		6 00
1 Hydrant Hose . . . . .		4 00
3 Saws . . . . .		3 50
7 Drills . . . . .		12 00
6 Striking Hammers . . . . .		18 00
3 Iron Bars . . . . .		8 00
1 Sand Screen . . . . .		1 00
3 Gate Wrenches . . . . .		10 00
4 Hydrant Wrenches . . . . .		4 00
10 Mending Knives . . . . .		5 00
6 Pails . . . . .		1 00
3 Water Tubs and 2 Barrels . . . . .		2 50
5 Mortar Boxes and 2 Hods . . . . .		10 00
4 Trowels . . . . .		4 50
3 Tool Boxes . . . . .		12 00
3 pr. Rubber Mits . . . . .		3 00
1 Wheelbarrow . . . . .		5 00
28 Picks . . . . .		35 00
30 Shovels . . . . .		25 00
1 Kettle . . . . .		1 00
1 Grindstone . . . . .		6 00
1 Bar for rounding pipe, 2 Tape Measures . . . . .		2 00
2 pr. Rubber Boots . . . . .		6 00
1 Cutting Bench . . . . .		4 00
3 Rammers . . . . .		2 50
<i>Amount carried forward</i>	.	<u>\$1,038 25</u>



<i>Amount brought forward</i>	.	\$1,038	25
1 Pump for hydrants	. . .	3	00
1 Pipe Cradle	. . .	2	50
1 Axe and 2 Hatchets	. . .	2	50
Office Furniture	. . .	25	00
2 Horses	. . .	450	00
2 Wagons	. . .	125	00
1 Pung	. . .	60	00
2 Harnesses,	. . .	40	00
3 Blankets and 1 Robe	. .	13	00
Total	. . .	\$1,759	25

## WATER SERVICE MATERIALS ON HAND.

77 ft. 1½ in. Pipe lined, @ 26c		\$20	02
448 " 1¼ " " " 20		89	60
1260 " 1 " " " 16		201	60
330 " ¾ " galvanized, " 15		49	50
1375 " 1 " not lined, " 10		137	50
12 12 " Clamps	. .	36	00
5 10 " "	. .	13	75
32 8 " "	. .	88	00
40 6 " "	. .	100	00
60 4 " "	. .	150	00
22 3 " "	. .	55	00
2 6 " Ludlow Clamps	. .	12	00
3 4 " " "	. .	18	00
6 1 " Stop-cocks	. .	18	00
8 1¼ " brass Ts	. .	4	80
6 1¼ " Nipples	. .	3	30
2 1½ " Stop-cocks	. .	8	00
181 ⅝ " "	. .	407	25
171 1 " brass Ts	. .	85	50
184 ⅝ " Nipples	. .	73	60
2 1¼ " Stop-cocks	. .	6	00
10 1 " "	. .	19	40

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*Amount carried forward* . \$1,596 82

<i>Amount brought forward</i>	.	\$1,596	82
11 $\frac{3}{4}$ in. Stop-cocks	.	13	75
8 $\frac{1}{2}$ " "	.	7	50
13 $1\frac{1}{4}$ " Ts	.	6	63
10 $1\frac{1}{2}$ in. Elbows	.	3	80
8 $1\frac{1}{4}$ " "	.	1	98
51 1 " Ts.	.	9	95
55 1 " Elbows	.	7	15
8 1 " Loose Couplings	.	4	00
6 $\frac{3}{4}$ " " "	.	2	40
6 $1\frac{1}{2}$ " Plugs	.	1	20
73 1 " "	.	6	57
16 $\frac{3}{4}$ " "	.	1	12
10 $\frac{1}{2}$ " "	.		50
530 lbs. Lead Pipe	.	43	75
34 " Solder Leads	.	22	78
Small Wire for cards	.	1	00
35 lbs. Solder	.	7	70
11 $\frac{3}{4}$ in. galvanized Ts	.	3	08
4 $\frac{3}{4}$ " Elbows	.	1	00
9 Hose Bibs	.	9	00
3 $1\frac{1}{2}$ in. Solder Nipples	.	1	50
3 1 " Bushings	.		75
2 $\frac{3}{4}$ " Ts	.		32
4 $\frac{1}{2}$ " " "	.		40
4 $\frac{1}{2}$ " Service Box Covers	.	6	75
4 Bartholomew Hydrants	.	25	00
1 $\frac{5}{8}$ in. Tapping Machine	.	20	00
1 1 " " "	.	12	80
1 2 " Die Plate and Dies	.	20	00
1 1 " " "	.	12	00
1 Pipe Cutter and Wheels	.	9	00
1 Press for lining pipe	.	60	00
1 Bench Vise	.	15	00
4 pr. Tongs	.	10	00
<i>Amount carried forward</i>	.	\$1,855	20

<i>Amount brought forward</i>	.	\$1,855	20
2 Monkey Wrenches	.	5	00
2 Fire Pots	.	4	00
5 Soldering Irons	.	5	00
3 Round Files	.	1	00
7 Flat Files	.	2	00
4 Small Files	.	50	
1 pr. Rubber Mits	.	1	25
2 Chisels and 1 Hammer	.	1	50
1 Lining Bench	.	3	00
3 Set Washer Cutters	.	2	00
2 Gate Wrenches	.	2	00
1 Oil Can	.	25	
Total	.	\$1,972	70

No. of Services put in	.	.	.	.	.	364
“ “ lowered	.	.	.	.	.	53
“ leaks repaired	.	.	.	.	.	10

## NO. OF FEET AND SIZE OF SERVICE PIPE LAID.

2 in. galvanized	.	.	.	.	.	39 $\frac{1}{2}$ ft.
1 $\frac{1}{2}$ “ Cement	.	.	.	.	.	120
1 “ “	.	.	.	.	.	292
$\frac{3}{4}$ “ “	.	.	.	.	.	12,883 $\frac{3}{4}$
$\frac{5}{8}$ “ Lead	.	.	.	.	.	325 $\frac{1}{2}$
$\frac{1}{2}$ “ “	.	.	.	.	.	466 $\frac{3}{4}$
$\frac{3}{4}$ “ galvanized	.	.	.	.	.	93 $\frac{1}{2}$
Total	.	.	.	.	.	14,221 ft.

Respectfully submitted.

BENJAMIN ALMY,  
Superintendent.



R E P O R T

OF

COMMITTEE ON SEWERS.

1874.



IN BOARD OF MAYOR AND ALDERMEN,

March 22, 1875.

Report accepted, referred to Committee on Printing, with instructions to have it printed in the Annual Report. Sent down for concurrence.

CHARLES E. GILMAN, *Clerk.*

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IN COMMON COUNCIL, March 22, 1875.

Concurred in.

SOLOMON DAVIS, *Clerk.*

# REPORT.

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IN BOARD OF MAYOR AND ALDERMEN,

March 22, 1875.

THE undersigned, as Chairman of the Committee on Sewers for the year ending December 31, 1874, begs leave to submit the following report: —

Prior to the passage of the Act of 1873, for the abatement of the Miller River nuisance, most of our sewers had been of small size and located in the interior of the city, discharging their contents into the several creeks running seaward, — the point of outfall being undetermined.

The construction of the Bridge Street Sewer in Cambridge, and the Milk Street Sewer in Somerville, has definitely determined, for a long period, the location of a Trunk Sewer for the Milk Row Valley Water Shed, embracing more than one half of the territory of the city.

Acting upon this basis the Sewer Committee, after making careful surveys from Prospect Street, in Milk, Washington, Beacon, Mossland, and Elm Streets to Davis Square in West Somerville, had the satisfaction of finding it entirely feasible to drain most of the territory of Ward Four through the Milk Street Sewer, — Davis Square being about fifteen feet higher than Union Square, and the distance less than 12,000 feet by the proposed route. This course obviates the necessity for any complication at pres-

ent, on the part of our city, in connection with Cambridge, in polluting the waters of Alewife Brook by discharging sewerage matter therein. Knowing the fact that West Somerville was entirely without drainage accommodations, for which it was greatly suffering, it was proposed to meet these requirements as soon as practicable, and to enter upon the work at once. It was not deemed advisable to attempt to construct a large Trunk Sewer of the dimensions required here, in one year, of nearly 12,000 feet in length, the expense of which would fall mainly upon the city. It was decided to recommend the construction of something more than one half of this proposed sewer during the year, beginning at Prospect Street, in Milk Street, and terminating at the corner of Beacon and Sacramento Streets, to accomplish which it was necessary to raise the sum of \$40,000.00, which sum was authorized by the City Council without a dissenting vote. Estimates were obtained for constructing this section of this sewer, and the contract concluded with the Messrs. Patrick and Maurice Terry, varying but a trifle from \$50,000.00, which sum your Committee calculated would be nearly covered by the appropriation and assessments to be collected. They were confident in the opinion that no expenditure of money would be more fully justified than the amount necessary to prosecute to an early completion this proposed sewer, which will in all probability finish this class of sewers in this section of our city for many years to come, and leaving the amount to be expended on Trunk

Sewers in the northerly portion of our city of no formidable magnitude.

The large sewers from Milk Street, in Medford Street, to the line of Cambridge, in Ward and Earle Streets, and the Upper Basins, being 2,688 feet in length, cost for their construction the sum of \$18,091 $\frac{3}{100}$ , of which amount the city must assume nearly three fourths.

These sewers were as necessary as the Milk Street Sewer for the abatement of the Miller River nuisance, and which for its abatement should have been included with the Bridge and Milk Street Sewers, to be paid for jointly by the cities of Cambridge and Somerville.

During the year there were constructed 20,768 feet of sewers by the city, including 2,631 feet of the Milk Street Sewer, under the supervision of the Commissioners. Most of them were of brick, and the material and workmanship were, generally, of good quality, by which the city and abutters received a fair equivalent for money expended.

There were forty-five manholes constructed with these sewers, and fifty-seven cesspools, or catch-basins, to take water from the streets, the covers to both manholes and cesspools being of stone and iron, of the best patterns known to your Committee. Herewith is annexed a table prepared by the Engineer, showing the length, size, material, and expense, as per contract price, of each sewer.

Respectfully submitted.

CLARK BENNETT.



## SEWERS BUILT IN SOMERVILLE DURING 1874.

CONTRACT COST.	STREETS.	10 Cement.	15 Cement.	15 x 20.	18	18 Plank.	20	24	26	30	30 x 45	36	42	48	54	60	66	72	96 timber brick	MANHOLES		
\$803 00	Aldersey.....	.....	.....	.....	.365	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1		
1,007 10	Beacon.....	.125	.....	.....	.552	.....	.....	.....	.....	.....	.....	.693	.....	.....	.....	.....	.....	.....	.....	2		
2,055 98	Brick Yard Lane	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1		
899 84	Cross.....	.....	.....	.....	.....	.....	.400	.....	.....	.....	.....	.....	.....	.871	.....	.....	.....	.....	.....	4		
10,398 71	Medford.....	.....	.....	.....	.....	.....	.....	.117	.....	.....	.510	.....	.....	.....	.....	.....	.....	.....	.....	5		
8,332 78	Medford.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1		
64,511 51	Highland Av.....	.....	.....	.....	.....	.....	.561	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5		
	Milk.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1		
	Union Square.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5		
*28,832 31	Washington.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1		
	Beacon.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1		
630 63	Mt. Vernon.....	.....	.....	.381	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1		
2,512 02	Oliver.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2		
2,145 32	Perkins.....	.....	.....	.....	.867	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1		
865 65	Franklin.....	.....	.....	.....	.61	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1		
1,181 15	Pinckney.....	.....	.190	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3		
	Quincy.....	.....	.....	.....	.736	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2		
	Upper Basin.....	.....	.....	.....	.....	.410	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1		
1,601 88	Warren Av.....	.....	.....	.....	.667	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1		
1,572 75	Walnut.....	.....	.....	.....	.433	.....	.234	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2		
	Ward.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.644	.....	.....	.....	.....	.....	.....	2		
7,692 32	Earle.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.136	.....	.....	.....	.....	.....	.....	.....	4		
	Upper Basin.....	.....	.....	.....	.....	.....	.....	.73	.....	.392	.....	.513	.....	.....	.....	.....	.....	.....	.....	4		
*Only 80 per cent of cost.	TOTALS.....	125	190	381	3681	410	1195	1289	1698	1481	510	1342	644	1802	1899	789	701	1466	1165	45		

## SUMMARY.

Plank sewer 410 ft.

Cement pipe 315 "

Brick 18878 "

" &amp; timb'r 1165 "

Total, 20768 "

or about 4 miles.

Manholes 45

Catch basins 57

CHAS. D. ELLIOT,

City Engineer.



ANNUAL REPORT  
OF THE  
CITY ENGINEER.

CITY OF SOMERVILLE.

1874.

IN BOARD OF MAYOR AND ALDERMEN,

March 15, 1875.

Referred to the Committee on Printing, with instructions to print the same in the Annual Report. Sent down for concurrence.

CHARLES E. GILMAN, *Clerk*.

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IN COMMON COUNCIL, March 17, 1875.

Concurred in.

SOLOMON DAVIS, *Clerk*.

TO THE HON. THE MAYOR AND CITY COUNCIL :

*Gentlemen,* — The City Engineer presents the following report for the year 1874 : —

The extensive city improvements made during the year demanded an unusual amount of engineering services, probably double those of any year previous. They were performed for various departments of the city, but principally for Highways, Sewers, and the Public Park.

#### HIGHWAYS.

The streets built anew or reconstructed during 1874 are named in the following list ; they were all carefully graded and, with the exception of Adams Street (unfinished), thoroughly macadamized.

The improvements on Milk and Washington Streets and at Union Square were extensive, and included regrading, macadamizing, setting edge-stones, building sidewalks and street-crossings, paving gutters, constructing catch-basins, rebuilding horse-railroads, and on Milk Street, widening to the width of seventy feet northwest of Union Square, and to seventy-five feet southeast of the square ; bricking the walks the entire length of the street on both sides, and on a large portion of the street removing and relaying or resetting water-pipes, gas-pipes, hydrants, and lamp-posts.

#### *Streets Built or Rebuilt in 1874.*

Name.	From.	To.	Length.
Adams,	Medford,	Broadway,	907 feet.
Appleton,	Willow Avenue,	Morrison,	745 “
Bow,	Union Square,	Walnut,	240 “

*Streets Built or Rebuilt in 1874. — Continued.*

Name.	From.	To.	Length.
Bow,	Summer,	Milk,	490 feet.
Cedar,	Summer,	Elm,	980 "
Chester,	Elm,	Cambridge Line,	888 "
Dana,	Everett Avenue,	Bonair,	460 "
Day,	Elm,	Cambridge Line,	929 "
Dover,	Elm,	Cambridge Line,	932 "
Everett Avenue,	Cross,	Dana,	842 "
Florence,	Washington,	Pearl,	827 "
Glen,	Webster,	Broadway,	740 "
Medford,	Highland Avenue,	Walnut,	625 "
Medford,	Jackson,	Fitchburg Railroad,	872 "
*Middlesex Avenue,	Mystic Avenue,	Mystic River,	2,534 "
Milk,	East Cambridge,	North Cambridge,	10,755 "
Morrison,	Willow Avenue,	Elm,	1,691 "
Mt. Vernon,	Washington,	Pearl,	604 "
Oliver,	Cross,	Franklin,	1,087 "
Orchard,	Russell,	Dover,	1,233 "
Park,	Beacon,	Fitchburg Railroad,	648 "
Pinckney,	Washington,	Pearl,	710 "
Prospect,	Milk,	F. R. R. Bridge,	440 "
Temple,	Broadway,	Jaques,	700 "
Union Square,	. . . . .	. . . . .	295 "
Vernon,	Central,	Jenny Lind Avenue,	800 "
Wallace,	Holland,	Broadway,	1,345 "
Warren Avenue,	Bow,	Washington,	1,579 "
Washington,	Union Square,	Lowell Railroad,	2,100 "
Willow Avenue,	Appleton,	Broadway,	1,511 "
Total, 7.29 miles . . . . .			38,509 "

\* Commenced in 1873.

With a few exceptions the construction of these streets required constant supervision and services, in furnishing lines and grades and estimating work performed; besides which surveys and plans of twenty-two streets were made (*see list*,) in all, about four miles in length; nine miles of levels were taken for highway purposes on thirty-seven streets, and profiles made, all levels being referred to mean low tide; lines and grades were given for setting nearly eight miles of edge-stones and for rebuilding about two and one fourth miles of horse-railroads; a large number of street

bounds previously removed were reset and located; locations were given for numerous catch-basins, and street lines, and grades furnished for private individuals; lot surveys and plans were made for use in seven highway suits against the city, and considerable time spent in collecting evidence therefor, and attendance at Court; a survey was made of the territory between Milk Street and the Union Glass Works, for the proposed alteration of Prospect Street, and a plan drawn showing parts of Prospect Street, Brick-yard Lane, Webster Avenue, and the Fitchburg Railroad, together with twenty-five lots and the buildings thereon; plans were also made of lots taken at Union Square and on Milk and Linwood Streets for highway purposes, etc. etc.

*Street Surveys and Plans Made in 1874.*

Name.	From.	To.	Length.
Adams,	Medford,	Broadway,	907 feet.
Appleton,	Willow Avenue,	Morrison,	745 "
Brick-yard Lane,	Prospect,	Fitchburg Railroad,	473 "
*Broadway,	Near Temple,	Cross,	2,064 "
Chauncy Avenue,	Broadway,	Mystic Avenue,	1,324 "
Church,	Summer,	Milk,	644 "
Concord Avenue,	Prospect,	Springfield,	1,031 "
Dana,	Everett Avenue,	Bonair,	460 "
Day,	Elm,	Cambridge Line,	929 "
Florence,	Change South of Pearl,		141 "
Franklin,	Washington,	Broadway,	2,316 "
Glen,	Webster,	Broadway,	740 "
Glen Extension,	Oliver,	Tufts,	780 "
Irving,	Holland,	Broadway,	1,176 "
Newton,	Webster Avenue,	Concord Avenue,	632 "
Park,	Change South of	Fitchburg Railroad,	368 "
Park Avenue,	Elm,	Wallace,	468 "
Quincy,	Summer,	Milk,	782 "
Sacramento,	Milk,	Beacon,	420 "
Tremont,	Webster Avenue,	Cambridge Line,	549 "
Wallace,	Holland,	Broadway,	1,345 "
Winthrop Avenue,	Broadway,	Mystic Avenue,	1,222 "
Total . . . . .			19,516 "

\* Includes 23 lots taken for widening.



*Street Bounds.*

Most of our street bounds were set in 1860 or 1861, and generally in the centres of the streets; changes of grade, and the building of horse-railroads, sewers, etc., have displaced many; others are at depths almost inaccessible, and those near the street surface are useless to most persons except surveyors, and a source of much annoyance to them.

Stone bounds have been placed in but few of the streets laid out since 1861.

Some of our principal avenues are deficient in monuments, among these, Milk Street, Highland Avenue, and Mystic Avenue. Even on Broadway there are many which are unreliable.

For these reasons I suggest that a better system of stone monuments be introduced, superseding the old, and placed on the street lines, or at a uniform distance therefrom, and so as to define grade as well as line.

*Grades.*

The uneven surface of the city obliges cutting or filling in nearly every street improvement; as a result estates are often injured, and blame and expense fall upon the city. This is especially the case with side-hill streets.

As property rises in value and old streets are improved, or the number of new streets accepted increases, the annoyance, litigation, and expense to the city caused by imperfect grades must largely increase.

There seems to be a necessity, therefore, for the establishment of grades for all our public streets, for the guidance of builders thereon, and for the adoption of some measure by which abutters on unaccepted streets and land owners opening new streets can be induced or obliged to establish a grade therefor, acceptable to the city, and to record the same. When this is done, a source of much expense to the city will be ended.

## STREET STATISTICS.

Number of streets in the city, 281.

Total length, 60 1-10 miles.

98 are public streets . . . . .	length 40 2 miles
183 are private streets . . . . .	" 19.9 "
7 public streets are more than 60 feet wide . . . . .	" 9.8 "
5 public streets are less than 40 feet wide . . . . .	" 1.55 "
110 private streets are less than 40 feet wide . . . . .	" 9.35 "
80 public streets are macadamized . . . . .	" 32.9 "
1 private street is macadamized . . . . .	" 0.15 "
11 public streets are below Grade 16 . . . . .	" 3.8 "
43 private streets are below Grade 16 . . . . .	" 3.1 "

## SEWERS.

In 1874 sewers were constructed in the following streets :

Name.	From.	To.	Length in feet.
Aldersey,	Vinal Avenue,	Near Walnut.	365
Beacon,	Cooney,	Concord Avenue,	552
"	Concord Avenue,	Temporary outlet,	125
"	Washington,	Near Park,	931
Brick Yard Lane,	Prospect,	Newton,	557
Cross,	Oliver,	Tufts,	400
Earle,	Ward,	Upper Basin,	136
Franklin,	Perkins,	(Northward),	61
Highland Avenue,	Medford,	Walnut,	561
Medford,	Milk,	Highland Avenue,	2,787
"	E. Cambridge line,	Milk,	1,498
Milk,	"	Fitchburg R. R.	1,165
"	Medford,	Prospect,	1,466
"	Prospect,	Union Square,	526
Mt. Vernon,	Old sewer,	Near Pearl,	381
Oliver,	Franklin,	Cross,	1,099
Perkins,	Near Mt. Vernon,	Franklin,	867
Pinckney,	Near angle Northward,		190
Prospect,	Milk,	Brick Yard Lane,	136
Quincy,	Near Summer,	Milk,	736
Union Square,	Milk,	Washington,	175
Upper Basin,	Earle,	Glass House Court,	978
"	Glass House Court,	Fitchburg R. R.	410
Warren Avenue,	Washington,	Northward,	667
Walnut,	Highland Avenue,	Boston,	667
Ward,	Medford,	Earle,	644
Washington,	Union Square,	Beacon,	2,688

*Table Showing Sizes, Lengths, etc.*

Diam. in's.	Shape.	Length ft.	Thick in.	Diam. in's.	Shape.	Length ft.	Thick in.
10	circle.	125	(pipe.)	30x45	egg	510	4
15	"	190	"	36	circle	1,342	4
15x20	egg	381	4	42	"	644	8
18	square	410	(plank)	48	"	1,802	8
18	circle	3,681	4	54	"	1,899	8
20	"	1,195	4	60	"	789	8
24	"	1,289	4	66	"	701	8
26	"	1,698	4	72	"	1,466	8
30	"	1,481	4	96 timber bottom		1,165	12

Of the sewers built 315 feet were cement pipe, 18,878 feet were of brick, 1,165 feet were of brick and timber, and 410 feet of plank, in all 20,768 feet, or about four miles. In these sewers were built 45 man-holes.

Surveys and plans were made of all but two of the streets in which sewers were laid, including two hundred and ninety-one lots, for purposes of assessment.

Lines and grades were carefully given for the construction of the above sewers usually every twenty-five feet, and for some sewers oftener, besides which levels were taken and profiles made of nearly ten miles of streets for sewer purposes.

#### *Miller's River Sewer Route.*

A considerable time was spent in preparations for and attendance at legislative hearings upon the routes proposed for the Miller's River Sewer.

A careful examination of these routes was made to ascertain their feasibility. Levels were taken and a profile drawn of Washington Street from Prospect Street in Somerville to Main Street in Charlestown, and soundings made in both cities to ascertain the shape of the underlying ledge in said street, and the same shown on the profile. Levels were also taken over portions of two of the other routes proposed, and soundings made across Charles River, and a

plan drawn showing accurate sections of the river-bed at Craigie Bridge.

A large plan was also prepared for use at the hearings, showing portions of Charles and Mystic Rivers, with their channels, depths, etc., and the proposed sewer outlets.

*Milk, Washington, and Beacon Streets Sewer.*

About eighteen hundred feet of this sewer remain unfinished. The sewer is placed at a very low grade and will prove of great efficiency in draining several large tracts of wet land. If continued to West Somerville, it will give an excellent outlet for a sewerage system in that district; by adopting this route the pollution of Alewife Brook by Somerville sewage is avoided. A large plan has been prepared showing the grades above mean low tide of nearly every street in West Somerville, and of Beacon and Washington Streets. It shows the feasibility of the proposed extension.

*Flushing Reservoir.*

The surface of the Pond in the Public Park will be a little below high tide; it can be connected with and filled from Mystic River. With this unfailing source of supply, I suggest its use as a flushing reservoir for cleansing the sewers which may be built in the Park district; its capacity is ample, as it will contain about 138,000 cubic feet of water, enough to fill a sewer five feet in diameter and nearly seven thousand feet long. The cost of the proper connections and gates will be small compared with the advantages derived.

*Sewer Statistics.*

Previous to 1867 there had been built in the town about seven thousand feet of private sewers, but no public ones. Of these about twenty-one hundred feet were purchased by the town in 1869.



Built by the town in 1867 . . . . .	1,254 feet.	Cost \$2,734 66
“ “ “ 1868 . . . . .	5,500 “	“ 9,864 00
“ and purchased by the town in 1869 . . . . .	6,064 “	“ 12,021 44
“ by the town in 1870 . . . . .	18,380 “	“ 49,304 31
“ “ “ 1871 . . . . .	11,937 “	“ 24,042 29
“ by the city in 1872 . . . . .	12,491 “	“ 28,487 50
“ “ “ 1873 . . . . .	13,514 “	“ 61,162 11
“ “ “ 1874 . . . . .	20,768 “	“ 136,567 73
Total . . . . .		<u>\$324,184 04</u>

The foregoing does not include the cost of catch basins or of the maintenance of the sewers.

#### PUBLIC PARK.

In May last a detailed estimate was made of the probable cost of constructing the Park, of which the following is a summary : —

Gravel for filling . . . . .	\$18,226 50
Hauling same and grading . . . . .	35,069 33
Loam and hauling . . . . .	6,556 10
Gravel for walks and grading . . . . .	6,044 25
Grass seed, sowing same and sodding . . . . .	733 60
Paving gutters and pond . . . . .	9,962 50
Curbing for pond . . . . .	3,150 00
Iron fencing . . . . .	18,195 00
Fountains and lamp posts . . . . .	1,525 00
Drains and water pipe . . . . .	2,800 00
Trees and shrubbery . . . . .	1,500 00
Superintendence, engineering, and contingencies . . . . .	4,523 25
<u>\$108,285 53</u>	

Or say \$108,000.00.

The work will probably be completed at a cost much within the estimate, owing to the gift to the city of all the gravel required for filling, to the favorable contract made for hauling and grading, and to the present low prices of labor and materials.

The pond in the Park will contain about one and six tenths acres, and will have an average depth of about two feet, in winter affording a safe resort for skaters. It should have a constant supply of clean water; this can be drawn from the Mystic River during high tide, the pond being below mean



high water. The use of river water presents a double advantage: it is inexhaustible and inexpensive, rendering feasible the use of the pond as a flushing reservoir for sewers, as already recommended.

A large amount of engineering has been required for the Park, viz: Surveys for establishing its boundaries; estimates of its cost; surveys and levels for the same; partial surveys of each of three hundred lots for ascertaining probable betterments; surveys, plans, calculations, and descriptions of thirty-seven lots taken for the park; plans, calculations, specifications, and contracts for filling, pile work, stone work, etc.; surveys, grades, and estimates of earth taken from Convent Hill; lines and grades for filling, for temporary drainage and for the pond; soundings, etc. etc.

#### HEALTH.

For the Committee on Health, surveys, plans, and estimates were made and grades given for filling the low lands south of Oliver Street to grade thirteen feet above mean low tide. Grades were also given for filling eight lots of low land.

The amount of low land filled under the Acts of 1872 and 1873 has been about 47 acres. The amount remaining unfilled, not including flats, is about 330 acres, situated in various parts of the city. The amount of flats within the city limits is about 113 acres.

There are many tracts of low land in the city above the legal grade, but which are flooded at each thaw or freshet; in many cases these can be connected with the nearest sewers at a small expense and with advantage to the sewer, thereby ending a cause of much injury to property and health.

#### WATER.

A plan nine feet by five was nearly completed showing the city, with all the water pipes, hydrants, and gates therein. Lines and grades were given for the partial construction of Packard Avenue, in which the new twelve-inch main

was laid from the Reservoir to Broadway. Grades also were given for pipe or hydrants in Milk, Medford, Oliver, Gilman, and Oxford Streets.

#### PUBLIC PROPERTY.

A survey and plan were made of the Police Court Lot, grades given, and the building staked out; survey made and grades given, for the Bell School Lot, and surveys of the Tufts Street School Lot, and of the Maple Street School Lot.

#### OFFICE AND CONCLUSION.

The engineering of the city necessarily requires the services of several assistants, and a large amount of office work has to be performed. The present accommodations for this work are very poor, the office room being small and unfit for its economical performance.

Very respectfully,

CHAS. D. ELLIOT,  
*City Engineer.*

ANNUAL REPORT  
OF  
TRUSTEES OF THE PUBLIC LIBRARY  
OF THE  
CITY OF SOMERVILLE,  
For the Year 1874.

IN BOARD OF MAYOR AND ALDERMEN,

March 8, 1875.

Referred to Committee on Printing with instructions to print the same in the Annual Report; also as many extra copies as the Trustees may designate. Sent down for concurrence.

CHARLES E. GILMAN, *Clerk.*

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IN COMMON COUNCIL, March 10, 1875.

Concurred in.

SOLOMON DAVIS, *Clerk.*

## THE FREE PUBLIC LIBRARY.

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IN making their second annual report of the Public Library, the Trustees congratulate their fellow-citizens upon another year of uninterrupted prosperity in its affairs. The universal encouragement given to their labors is very gratifying to those who have had the immediate care of its interests, and leads them to form high hopes of its future usefulness. Having endeavored to place the best books upon its shelves, the Trustees fully believe that no better collection of its size can be found for public use.

The means at their command have enabled them to purchase the choicest publications, as soon as they were issued from the press, thus keeping the patrons of the Library supplied with the freshest books.

When the Library was organized, it was thought best to furnish it with a considerable number of the best works of fiction, in the hope that the taste of the novel-readers might be so improved as to lead them in time to read books of a more solid character. The experience of the past year fully justifies the wisdom of the policy. Many who were attracted to the Library for the purpose of obtaining a novel are now reading books of a different kind. The Librarian reports "that books of travel, adventure, and history are more called for than last year. English History, particularly, has been much read; and at one time, within a few weeks, there was not a complete set on the shelves for reference."

The number of volumes added to the Library since the last report is 823, making the whole number at present 4,730.



Credit balance from 1873	.	.	\$2,224	06
Appropriation for 1874	.	.	1,162	29
Received for catalogues and fines	.		237	59
Old paper sold	.	.		75
Donation from an unknown person	.		2	80
				<hr/>
				\$3,627 49
Expenses for 1874 :				
For purchase of books	.	.	\$1,680	75
Salaries	.	.	897	50
Incidentals	.	.	297	13
				<hr/>
				2,875 38
				<hr/>
To credit of new account	.	.		\$752 11

The Trustees would earnestly ask the attention of the City Government to the want of additional accommodations for the Library. Another room is very much needed for a reading-room, and for the extension of the Library, which has already outgrown its present limited quarters. The Trustees venture to hope that the room now used by the Police Court will, in due time, be assigned for Library purposes, and would respectfully request the City Government to take such action as may seem to them best looking towards the fitting up of this room, at no distant time, for the uses of the Public Library.

Respectfully submitted.

JOHN P. MARSHALL.  
AUSTIN BELKNAP.  
CHARLES H. GUILD.  
WILLIAM H. FURBER.  
QUINCY A. VINAL.  
CHARLES G. POPE.  
S. A. CARLTON.  
H. H. BARBER.  
E. C. BOOTH.

REPORT

OF THE

OVERSEERS OF THE POOR,

SOMERVILLE.

1874.

IN BOARD OF MAYOR AND ALDERMEN,

January 25, 1875.

Referred to the Committee on Printing, with instructions to print the same in the Annual Report. Sent down for concurrence.

CHARLES E. GILMAN, *Clerk*.

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IN COMMON COUNCIL,

Jan. 25, 1875.

Concurred in.

SOLOMON DAVIS, *Clerk*.

# REPORT OF THE OVERSEERS OF THE POOR

OF THE

CITY OF SOMERVILLE,

*For the Year 1874.*

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TO HIS HONOR THE MAYOR AND TO THE CITY COUNCIL :

*Gentlemen,*—During the year 1874 the length of time occupied in attending to the duties devolving upon the Overseers of the Poor has probably been greater than that of any previous year. This has been owing mainly to two causes, viz. —

*First.* The increase in the number of the poor, which is usually in a ratio quite equal to the increase in population.

*Second.* To the fact that, owing to the unusual depression in business of all kinds, large numbers of the poorer classes have been unable to find constant employment, even during the summer months.

For these reasons the expense for the support of the poor has been large, although the net expense is less than that of the preceding year. This may be attributed in part to the co-operation with this Board of the Somerville Benevolent Society. The officers and members of that Society, with a liberal and commendable spirit, effected much good in giving employment to women, and in supplying the destitute with clothing. We regret that the Society is not still in active operation. But there is another Society in our city, officered by efficient and energetic ladies, which has been for years, and is still,

performing the part of the Good Samaritan. We cannot too highly commend it to all who wish to contribute judiciously to the welfare of the poor.

Early in the year this Board petitioned the City Council to make arrangements for the employment by the city of those men and boys who were unable to find employment elsewhere, and would be obliged, otherwise, to seek aid and support from the city. The City Council responded by giving employment upon the ledges to this class of persons. Over one hundred persons were employed during the latter part of the winter and early in the spring in quarrying and preparing stone for use on the public streets, at a cost of \$1.00 for each man and 75 cents for each boy per day. A similar plan is now in operation; otherwise the expense of supporting the poor would be greatly increased.

The members of the Board of Overseers of the Poor have, whenever it was in their power, assisted the needy in getting employment, which they have deemed of the highest importance, both to the individual and to the city. And here they wish to say that a very large majority of those who have through their agency been employed in performing work for the city, have acquitted themselves well, not only as workmen, but in using the money which they earned in maintaining their families. Notwithstanding these arrangements for employing men and boys, there is a large class of poor persons, who, on account either of age or sex, cannot be engaged in work requiring exposure to the weather as well as a great degree of muscular strength and endurance. Many of the latter class, could they find employment suited to



their condition, would far prefer it to the humiliation of seeking aid from the Overseers of the Poor.

The individual who will originate and perfect a plan that will give this class employment will richly merit the commendation of all good men.

For some years past, and until within a few months, the sick poor could, whenever deemed advisable, receive board and medical treatment at the Charlestown Almshouse, but after the time of annexation of Charlestown to Boston, the sick were removed to institutions intended solely for that purpose, and orders were issued that no more sick poor should be admitted to that almshouse. We are therefore now without any hospital accommodations. The Board petitioned the City Council of 1874 to provide a suitable building for this unfortunate class, and the matter was referred by them to the City Council of 1875. The Mayor of the city, in his inaugural address, recommended the furnishing of a building with three or four rooms for this purpose. As the matter will therefore come before the City Council again this year, we have every reason to suppose that it will receive a favorable consideration.

An inmate of an Insane Asylum, whose expenses for many years have been borne by the town and city of Somerville, was found to be possessed of real estate of sufficient value to fully remunerate the city for all past expenses on his account; and through the agency of this Board, such legal proceedings have been instituted as will soon, we trust, cause a reimbursement to the city of the total amount expended for his maintenance at the asylum.

Although quite a number of persons have been sent from our city to Insane Asylums during the year, but one of them had a settlement here. The three insane persons who were supported by the city at the time of the last report, and who were supposed to be permanently insane, are still in Insane Asylums. In none of the cases does there seem to be any improvement in the condition.

The contributions to the poor are expended mainly to benefit those who ask for and receive only temporary aid, yet there are a few who depend entirely upon public charity ; and that class, in virtue of the Settlement Law of 1874, will be considerably increased, inasmuch as many persons who previously had no settlement are now, in case of destitution, entitled to relief from our city.

The Board has received semi-official information that the Charlestown Almshouse is soon to be occupied by the poor of Boston exclusively. This change will necessitate the removal of the poor of this city who have been placed in that institution, and consequently accommodations must be sought for elsewhere for our homeless poor. Our plan has been to avoid placing persons in the almshouse who could be comfortably provided for in families at a cost not exceeding the expense at the almshouse. By this plan families have been kept unbroken, and have, in some instances, become entirely self-supporting again. The number of persons placed in the almshouse by this city has therefore been quite limited. It will be the endeavor of the Board to find, if possible, suitable accommodations for all those who cannot be better

provided for elsewhere in the almshouse of some neighboring city or town. Owing to the demands made upon the Board, the present room is found to be inadequate to transact the necessary business, and it is hoped that more suitable accommodations may ere-long be furnished.

During the year 940 persons have received assistance from our city; of this number, 913 received temporary relief or partial support, 9 were fully supported in families, and 18 in the almshouse or other public institutions. Thirteen persons have been removed to the State Almshouse.

The whole amount expended during the year,	
for all purposes, was . . . . .	\$11,311 42
The amount received from the State was . . . . .	430 10
From other cities and towns . . . . .	1,229 16
And from individuals . . . . .	481 25
<hr/>	
Making the net expense . . . . .	\$9,170 91
The amount paid for burial expenses was . . . . .	514 50
And for feeding lodgers at the Police Station . . . . .	203 01

With this brief review of the year just closed, and with increased experience, we enter upon the work of the present year, trusting that we shall receive the co-operation of the City Council in every reasonable effort to relieve the homeless and destitute.

WM. H. FURBER, *Chairman*,  
 THOS. CUNNINGHAM,  
 ANSEL LEWIS,  
 HORACE CHAPIN, *Sec'y*,  
*Overseers of the Poor.*



# ANNUAL REPORT OF THE CITY CLERK.

## STATISTICS OF BIRTHS, MARRIAGES, AND DEATHS IN 1874.

THE statistics of Births, Marriages, and Deaths in the City of Somerville, for the year 1874, are as follows:—

### BIRTHS.

Number of births registered in 1874 . . .	1,012
More than last year . . . . .	289
Number of males . . . . .	583
Number of females . . . . .	429
	<hr/>
	1,012
Born of American parents . . . . .	388
Born of foreign parents . . . . .	538
American male and foreign female . . .	30
Foreign male and American female . . .	53
Unknown . . . . .	3
	<hr/>
	1,012

There were seven cases of twins.

### MARRIAGES.

Number of intentions issued in 1874 . . .	216
More than last year . . . . .	6
Number of marriages registered . . . . .	193

### NATIONALITY OF THOSE REGISTERED.

Both parties American . . . . .	91
Both parties foreign . . . . .	74
American groom and foreign bride . . .	14
Foreign groom and American bride . . .	13
Unknown . . . . .	1
	<hr/>
	193



First marriage . . . . .	346	
Second marriage . . . . .	38	
Unknown . . . . .	2	
	<hr/>	386
Number of couples . . . . .	193 =	386
Oldest person married . . . . .	60	
Youngest person married . . . . .	17	

## DEATHS.

Whole number of deaths in 1874 . . . . .	490
More than last year . . . . .	65

Ages.		Males.	Females.	Total.
Under 10 . . . . .	283	167	116	283
Between 10 and 20, . . . . .	17	10	7	17
“ 20 “ 30, . . . . .	44	18	26	44
“ 30 “ 40, . . . . .	37	17	20	37
“ 40 “ 50, . . . . .	24	12	12	24
“ 50 “ 60, . . . . .	20	11	9	20
“ 60 “ 70, . . . . .	29	16	13	29
“ 70 “ 80, . . . . .	21	5	16	21
“ 80 “ 90, . . . . .	14	11	3	14
“ 90 “ 100, . . . . .	1	—	1	1
	<hr/>	<hr/>	<hr/>	<hr/>
Whole number . . . . .	490	267	223	490

The age of the oldest person who died during the year was 90 years and 2 months.

Born in Somerville . . . . .	215
Other places in the United States . . . . .	159
Foreign . . . . .	112
Unknown . . . . .	4
	<hr/>
	490

CHARLES E. GILMAN,  
*City Clerk.*

# LIST OF CITY OFFICERS FOR 1874.

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## MAYOR.

WILLIAM H. FURBER.

MOUNT VERNON STREET. (Office, City Hall.)

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## ALDERMEN.

### Ward 1.

E. A. CURTIS	.	.	.	Mount Vernon Street.
C. G. ROWELL	.	.	.	Pearl Street.

### Ward 2.

CLARK BENNETT	.	.	.	Prospect Street.
R. L. SPEAR	.	.	.	Berkeley Street.

### Ward 3.

S. W. FULLER	.	.	.	Walnut Street.
GEORGE H. DICKERMAN	.	.	.	Central Street.

### Ward 4.

THOMAS H. LORD	.	.	.	Chestnut Court.
FRANKLIN N. POOR	.	.	.	Chester Street.

## COMMON COUNCIL.

WILLIAM H. HODGKINS, *President*.

### Ward 1.

BYRON ROBERTS	.	.	.	Franklin Street.
H. R. BISHOP	.	.	.	Broadway.
RICHARD E. NICKERSON	.	.	.	Pearl Street.
MARK LAIGHTON	.	.	.	Benedict Avenue.

## Ward 2.

I. M. BENNETT	.	.	.	Homer Place.
E. L. HASKELL	.	.	.	Milk Street.
D. A. SANBORN, JR.	.	.	.	Prospect Street.
E. M. JACKMAN	.	.	.	Summit Avenue.

## Ward 3.

WM. H. HODGKINS	.	.	.	Adams Street.
STEWART FRENCH	.	.	.	Chester Street.
B. P. LOVEJOY	.	.	.	Marshall Street.
S. M. PENNOCK	.	.	.	Sycamore Street.

## Ward 4.

JOHN H. BROOKHOUSE	.	.	.	Willow Avenue.
J. B. DAVID	.	.	.	Belmont Street.
JOHN J. BROWN	.	.	.	Chestnut Court.
WM. BLANCHARD	.	.	.	Dover Street.

## CITY CLERK.

CHARLES E. GILMAN	.	.	.	Walnut Street. (Office, City Hall.)
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## TREASURER AND COLLECTOR OF TAXES.

AARON SARGENT	.	.	.	Broadway. (Office, City Hall.)
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## CITY AUDITOR.

CHARLES E. GILMAN	.	.	.	Walnut Street. (Office, City Hall.)
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## CITY SOLICITOR.

CHARLES ROBINSON, JR.,	Office 13 Court Square, Boston.
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## CITY ENGINEER.

CHARLES D. ELLIOT	.	.	.	Oxford Street. (Office, City Hall.)
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## CITY PHYSICIAN.

HORACE CHAPIN	.	.	.	House, Beach Street. (Office, Union Square.)
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## CLERK OF COMMON COUNCIL.

SOLOMON DAVIS . . . Cross Street.

## CITY MESSENGER.

JAIRUS MANN . . . Berkeley Street.

## CHIEF OF POLICE.

MELVILLE C. PARKHURST . Milk Street.  
(Office, Police Station.)

## SUPERINTENDENT OF STREETS.

FRANKLIN HENDERSON . . Central Street.

## SUPERINTENDENT OF SEWERS.

ALBERT KENNESON . . . Broadway.

## CHIEF ENGINEER OF FIRE DEPARTMENT.

JAMES R. HOPKINS . . . Wigglesworth Street.

## WATER BOARD.

CHRISTOPHER E. RYMES, *President*, Summer Street.  
ROBERT A. VINAL, *Clerk* . . Walnut Street.  
CUTLER DOWNER . . . Central Street.  
THOMAS CUNNINGHAM . . Oak Street.  
HORACE HASKINS . . . Franklin Street.

## OVERSEERS OF POOR.

WM. H. FURBER (*Mayor*), } Mt. Vernon Street.  
  *Chairman, ex officio* . } (Office, City Hall.)  
WM. H. HODGKINS (*President*  
  *of the Common Council ex*  
  *officio*) . . . Adams Street.  
ANSEL LEWIS . . . Webster Street.  
THOMAS CUNNINGHAM . . Oak Street.  
HORACE CHAPIN . . . Beach Street.  
(Office of Overseers of Poor, Union Square.)

## ASSESSORS.

JOHN C. MAGOUN . . .	Broadway.	} (Office, City Hall.)
THOMAS CUNNINGHAM . . .	Oak Street.	
JOHN C. TENNEY . . .	Mystic Av.	

## SCHOOL COMMITTEE.

WM. H. FURBER, ( <i>Mayor</i> )	} Mt. Vernon Street. (Office, City Hall.)
<i>Chairman, ex officio</i> . . .	
WM. H. HODGKINS, ( <i>President of the Common Council, ex offi- cio</i> ) . . . . .	Adams Street.

## Ward 1.

SANFORD HANSCOM . . .	Perkins Street.
S. S. WOODCOCK . . .	Pearl Street.
HENRY M. MOORE . . .	Myrtle Street.

## • Ward 2.

GEORGE W. DURELL . . .	Summer Street.
CHARLES LOWE . . .	Summer Street.
DANIEL E. CHASE . . .	Park Street.

## Ward 3.

HENRY F. SPENCER . . .	Sycamore Street.
REUBEN WILLIS . . .	Broadway.
JAMES E. WHITNEY . . .	Sycamore Street.

## Ward 4.

HORACE CHAPIN . . .	Beach Street.
CHARLES F. KING . . .	Lowell Street.
BENJAMIN G. BROWN . . .	Professors' Row.

## JOINT STANDING COMMITTEES OF THE CITY COUNCIL.

*Accounts.* — Aldermen Poor and Spear, Councilmen Bishop, Bennett, and David.



*Burial Grounds.* — Aldermen Rowell and Lord, Councilmen Loughton, Brookhouse, and Lovejoy.

*Claims.* — The Mayor, and Alderman Rowell, the President of the Council, and Councilmen Brown and Loughton.

*Finance.* — The Mayor, Aldermen Bennett and Rowell, the President of the Council, Councilmen Brookhouse, Pennock, Sanborn, and Roberts.

*Fuel and Street Lights.* — Aldermen Lord and Dickerman, Councilmen Lovejoy, Bishop, and Sanborn.

*Fire Department.* — Aldermen Lord and Curtis, Councilmen Nickerson, French, and David.

*Highways.* — Aldermen Fuller and Poor, Councilmen Brookhouse, Loughton, and Sanborn.

*Health.* — Aldermen Fuller and Spear, Councilmen Roberts, Haskell, and Brown.

*Ordinances.* — Aldermen Rowell and Fuller, Councilmen Pennock, Blanchard, and Bennett.

*Public Property.* — Aldermen Curtis and Spear, Councilmen Brown, Lovejoy, and Nickerson.

*Printing.* — Alderman Spear, Councilmen Bennett and Roberts.

*State Aid and Soldiers' Relief.* — Aldermen Rowell and Bennett, Councilmen David, Nickerson, and French.

*Water.* — Aldermen Curtis and Dickerman, President of the Council, and Councilmen Jackman and Blanchard.

#### COMMITTEES OF BOARD OF MAYOR AND ALDERMEN.

*Drains and Sewers.* — Aldermen Bennett, Poor, and Dickerman.

*Elections and Returns.* — Aldermen Dickerman and Lord.

*Enrolled Ordinances and Resolutions.* — Aldermen Lord and Fuller.

*Licenses.* — Aldermen Bennett and Poor.

*Police.* — The Mayor, Aldermen Fuller and Curtis.

**COMMITTEES OF COMMON COUNCIL.**

*Elections and Returns.* — Councilmen Haskell, Pennock, and Bishop.

*Enrolled Ordinances and Resolutions.* — Councilmen Blanchard, French, and Jackman.















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